

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136434.D
 Acq On : 06 Dec 2023 18:17
 Operator : CG\JU
 Sample : 05602-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136434.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	13	16	23	rVB	25234	35032	1.58%	0.153%
2	5.034	493	501	508	rVB	57872	79159	3.58%	0.345%
3	5.434	564	569	572	rBV	2380542	2213455	100.00%	9.651%
4	6.292	711	715	718	rVB	383689	296991	13.42%	1.295%
5	6.434	734	739	742	rBV	2205657	2185091	98.72%	9.527%
6	6.486	745	748	752	rVB	65615	67590	3.05%	0.295%
7	6.569	759	762	769	rVB2	123101	167279	7.56%	0.729%
8	6.634	769	773	775	rBV2	39160	33390	1.51%	0.146%
9	6.734	787	790	792	rVB	106252	77608	3.51%	0.338%
10	6.798	797	801	802	rBV	723856	626402	28.30%	2.731%
11	6.875	812	814	818	rVB	218210	198246	8.96%	0.864%
12	6.922	818	822	827	rBV	1299554	1156080	52.23%	5.041%
13	6.969	827	830	833	rVB2	36179	37726	1.70%	0.164%
14	7.016	835	838	840	rBV	71804	51894	2.34%	0.226%
15	7.045	840	843	845	rBV	207973	217452	9.82%	0.948%
16	7.069	845	847	853	rVB	1249029	1185467	53.56%	5.169%
17	7.139	855	859	861	rBV	766305	664506	30.02%	2.897%
18	7.157	861	862	866	rVB3	53665	47986	2.17%	0.209%
19	7.228	871	874	880	rVV2	505286	664028	30.00%	2.895%
20	7.304	883	887	890	rVV	163959	214236	9.68%	0.934%
21	7.357	890	896	899	rVV	1581492	1565485	70.73%	6.826%
22	7.392	900	902	906	rVV	147333	140490	6.35%	0.613%
23	7.428	906	908	910	rVV	52880	58140	2.63%	0.253%
24	7.451	910	912	916	rVV	66421	86106	3.89%	0.375%
25	7.522	920	924	925	rVV	83883	89413	4.04%	0.390%
26	7.545	925	928	933	rVV	153286	180854	8.17%	0.789%
27	7.592	933	936	938	rVV2	45922	61257	2.77%	0.267%
28	7.628	938	942	944	rVV2	60224	82984	3.75%	0.362%
29	7.675	947	950	954	rVB3	22040	33978	1.54%	0.148%
30	7.728	954	959	961	rBV4	20126	31194	1.41%	0.136%
31	7.763	961	965	967	rVV	60814	71682	3.24%	0.313%
32	7.816	970	974	977	rVV	338439	324426	14.66%	1.415%
33	7.851	977	980	984	rVV	201306	221419	10.00%	0.965%
34	7.892	984	987	991	rVV2	78188	75446	3.41%	0.329%
35	7.957	995	998	1005	rVB2	29889	41453	1.87%	0.181%
36	8.075	1012	1018	1021	rBV	815683	692278	31.28%	3.018%

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37	8.886	1153	1156	1159	rVB	33684	29952	1.35%	0.131%
38	9.151	1197	1201	1204	rBV	2787540	2153401	97.29%	9.389%
39	9.233	1211	1215	1219	rBV4	23717	28297	1.28%	0.123%
40	9.486	1255	1258	1260	rBV	31084	26700	1.21%	0.116%
41	9.692	1290	1293	1296	rBV3	26585	32509	1.47%	0.142%
42	9.827	1313	1316	1320	rVB	752422	596482	26.95%	2.601%
43	9.863	1320	1322	1326	rVB3	30812	29077	1.31%	0.127%
44	10.374	1406	1409	1415	rVB3	33700	38784	1.75%	0.169%
45	10.486	1422	1428	1431	rBV	54263	58047	2.62%	0.253%
46	10.622	1447	1451	1454	rBV	1330547	1162054	52.50%	5.067%
47	10.751	1469	1473	1481	rVB	116268	164342	7.42%	0.717%
48	11.192	1545	1548	1550	rBV	38943	31457	1.42%	0.137%
49	11.221	1550	1553	1558	rVB2	72729	77489	3.50%	0.338%
50	11.321	1566	1570	1572	rBV	729400	605371	27.35%	2.639%
51	11.345	1572	1574	1577	rVB	140753	110456	4.99%	0.482%
52	11.857	1658	1661	1666	rBV2	236270	216095	9.76%	0.942%
53	11.933	1671	1674	1677	rBV2	49331	46062	2.08%	0.201%
54	12.380	1747	1750	1752	rBV	34817	33152	1.50%	0.145%
55	12.539	1773	1777	1779	rBV	150536	132186	5.97%	0.576%
56	12.580	1782	1784	1787	rVV	80368	62400	2.82%	0.272%
57	12.645	1792	1795	1801	rVV3	58435	65440	2.96%	0.285%
58	12.768	1813	1816	1819	rVB	145431	118398	5.35%	0.516%
59	12.915	1837	1841	1845	rBV	2434090	2113330	95.48%	9.214%
60	13.163	1879	1883	1885	rVB4	32571	43363	1.96%	0.189%
61	13.827	1994	1996	2003	rVB3	37190	39330	1.78%	0.171%
62	13.974	2017	2021	2023	rBV	501099	482998	21.82%	2.106%
63	14.457	2100	2103	2106	rVB	49889	43138	1.95%	0.188%
64	15.109	2212	2214	2220	rVB3	57522	67820	3.06%	0.296%
65	15.451	2268	2272	2276	rBV	289198	351183	15.87%	1.531%

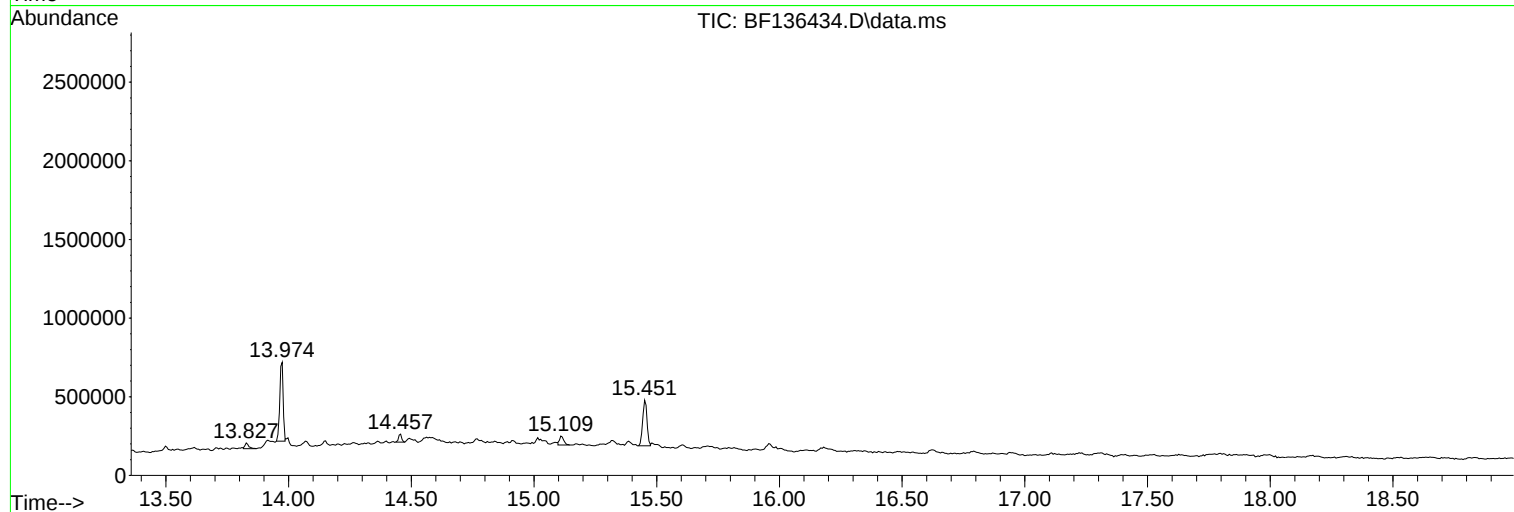
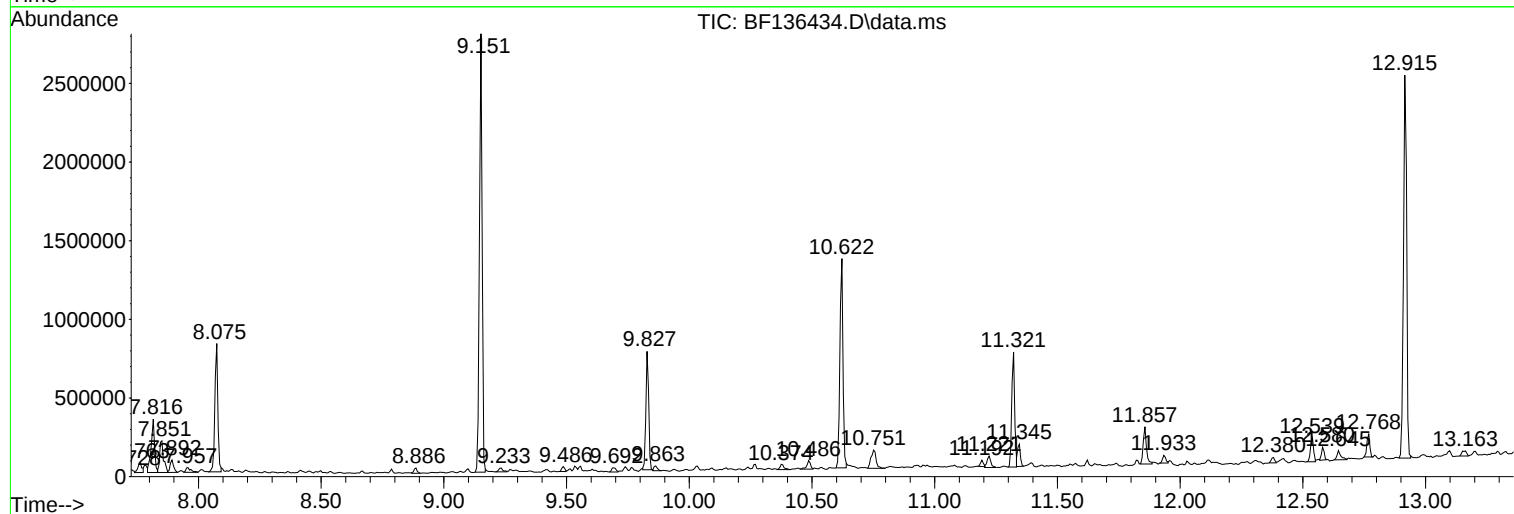
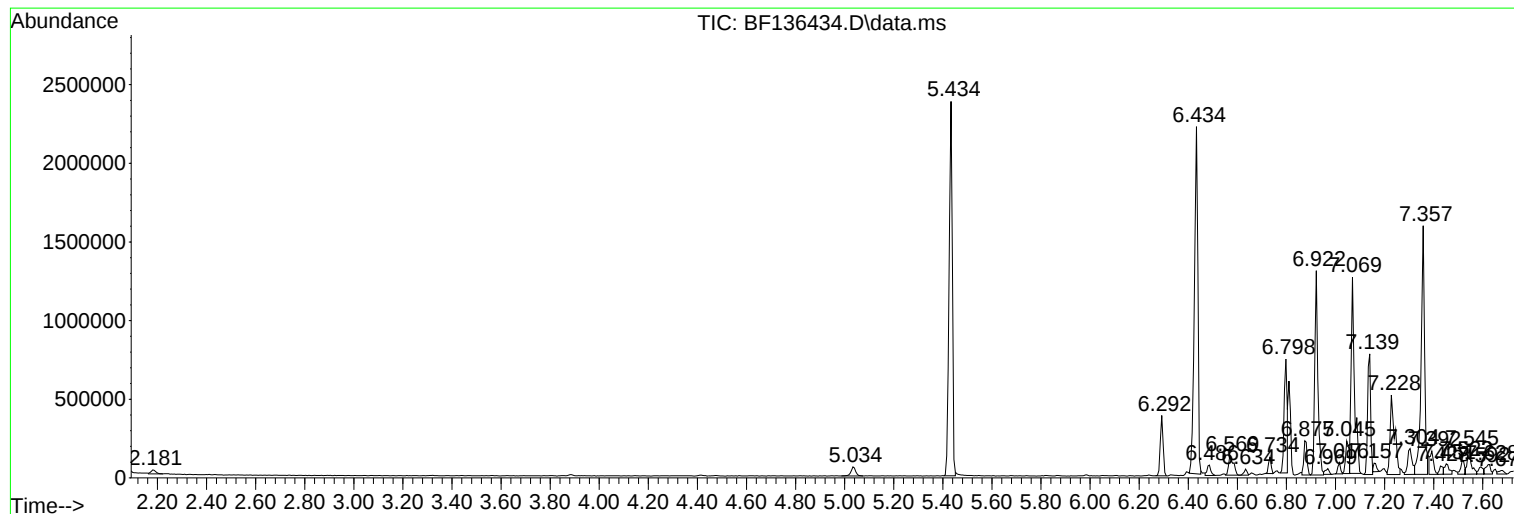
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ClientSampleId :
ROUTE-4-TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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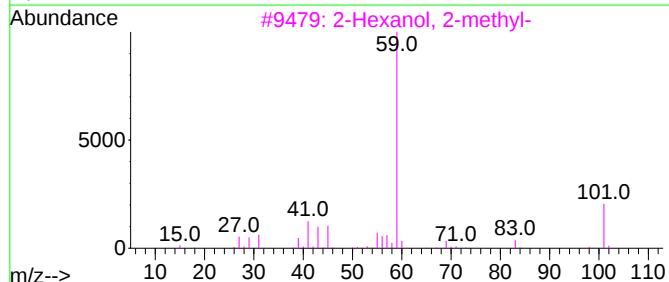
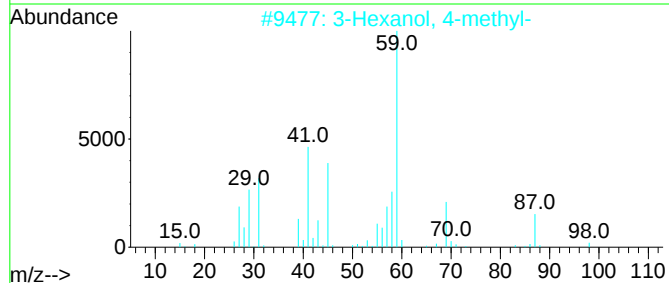
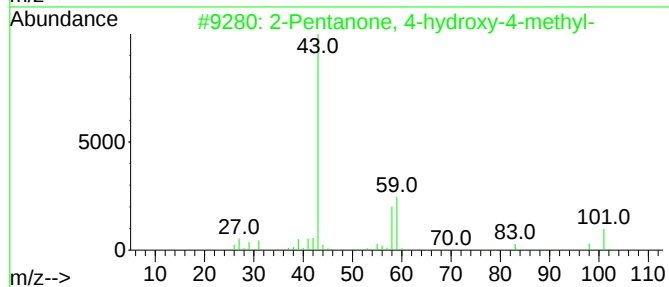
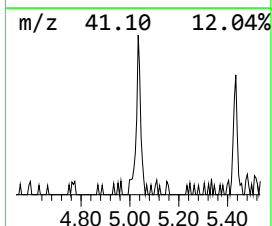
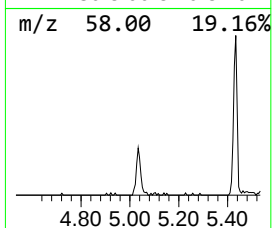
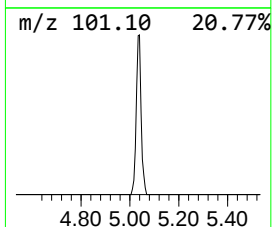
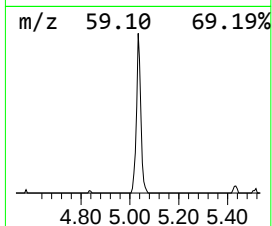
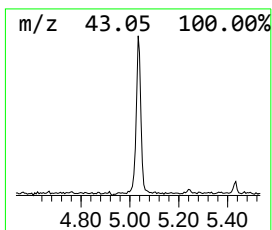
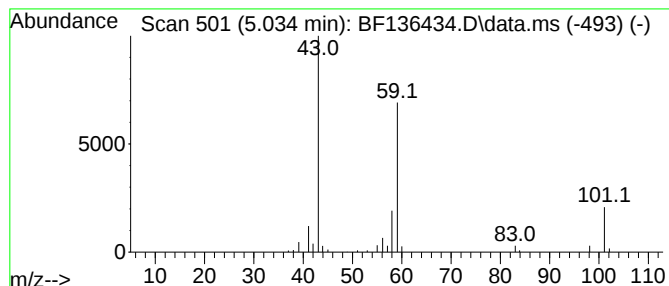
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.034 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	2.53 ng	79159	1,4-Dichlorobenzene-d4	6.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28	
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23	
5	3-Hexanol	102	C6H14O	000623-37-0	23	



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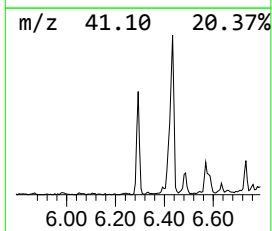
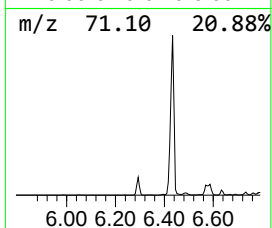
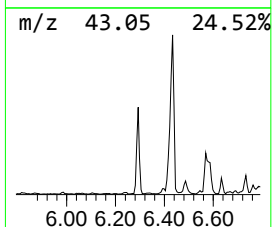
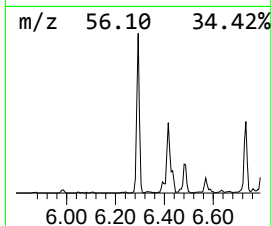
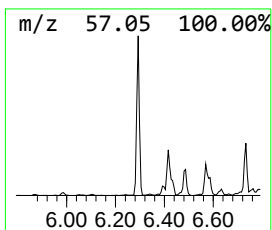
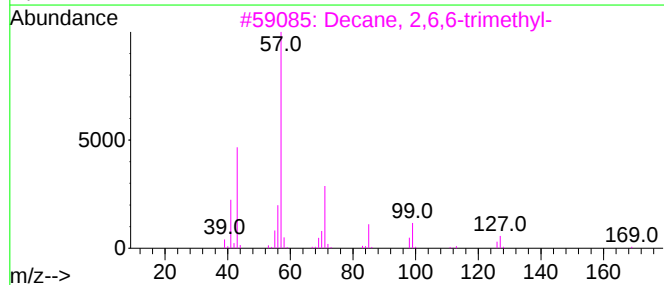
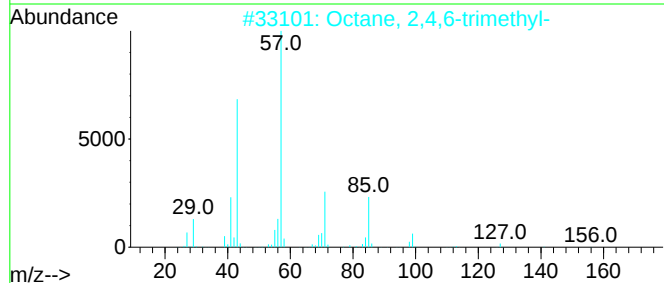
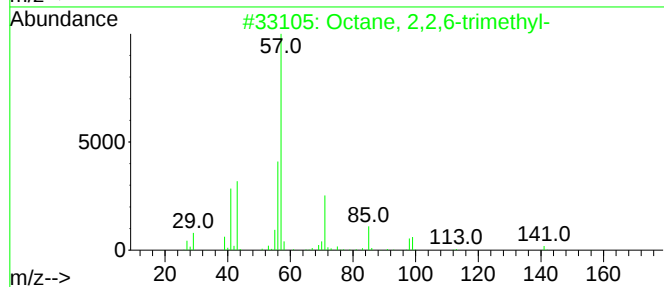
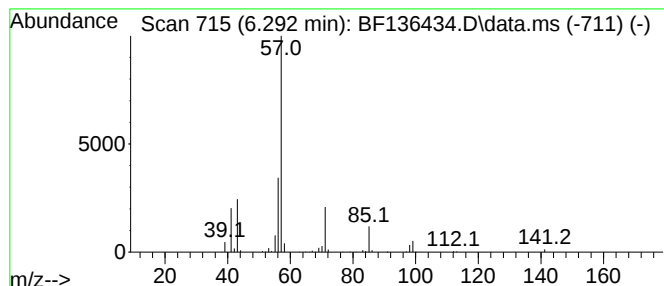
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,2,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.292	9.48 ng	296991	1,4-Dichlorobenzene-d4	6.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59



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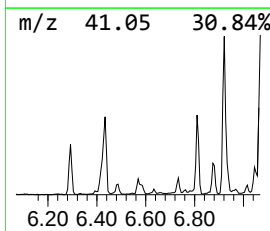
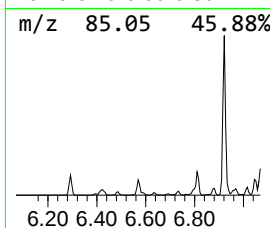
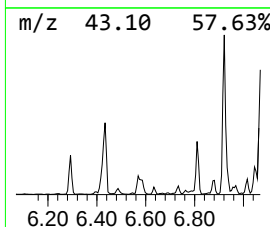
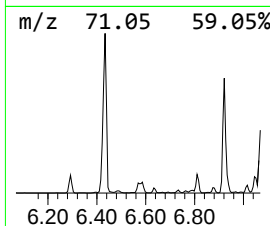
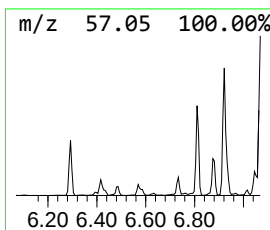
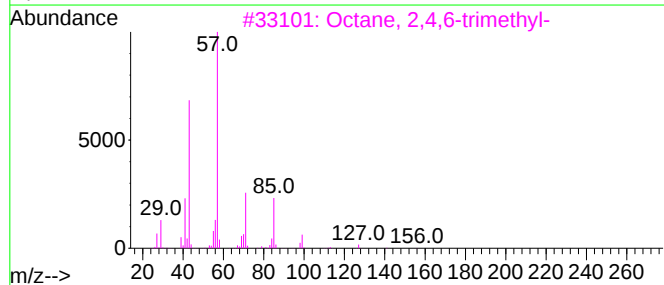
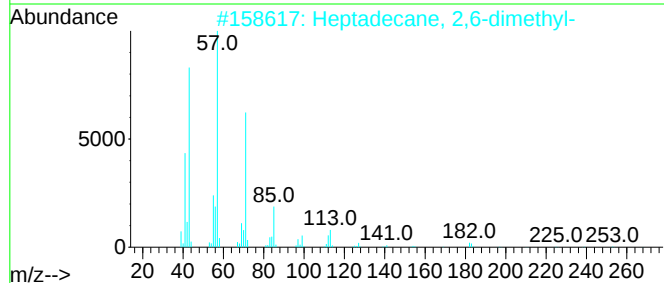
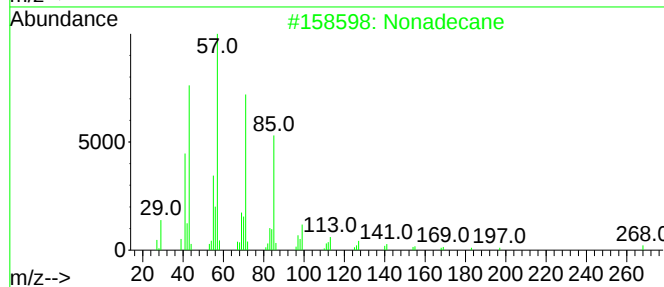
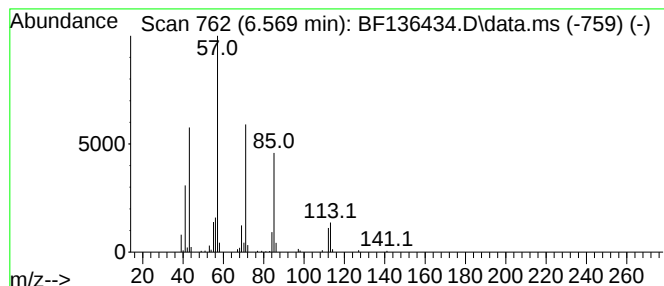
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	5.34 ng	167279	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	72
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72



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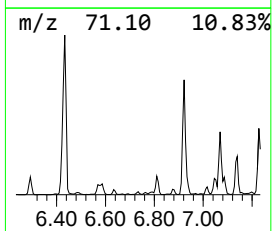
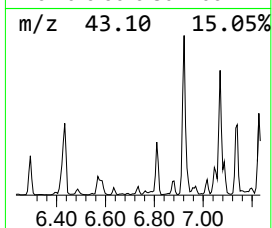
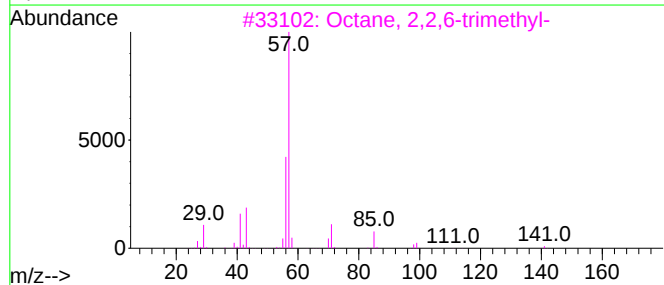
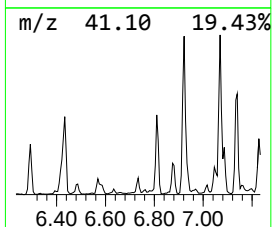
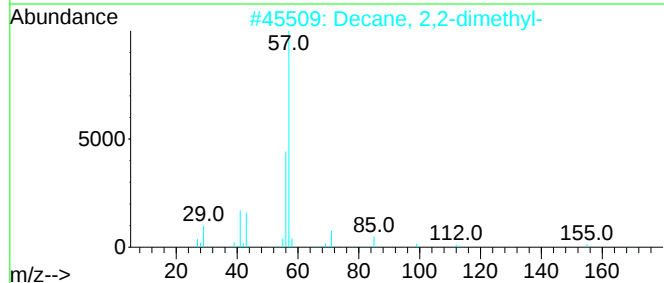
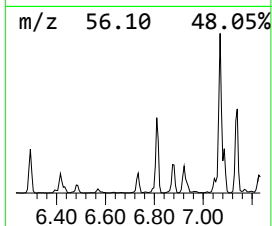
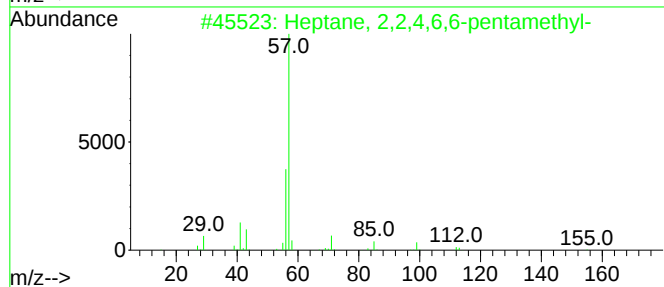
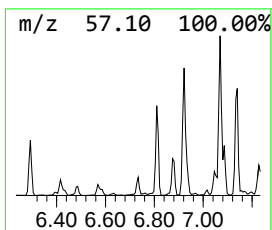
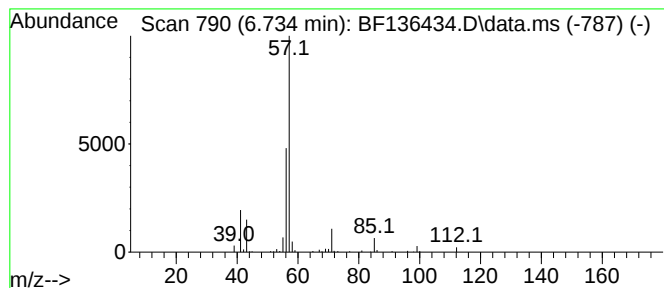
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.734	2.48 ng	77608	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	83
2			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	83
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
4			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
5			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

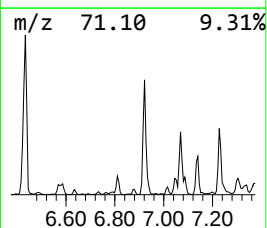
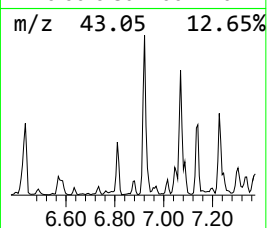
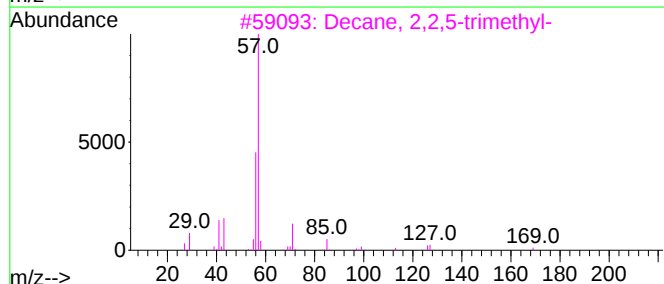
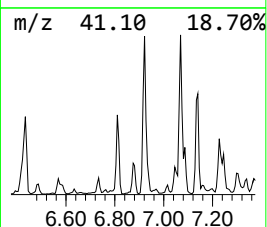
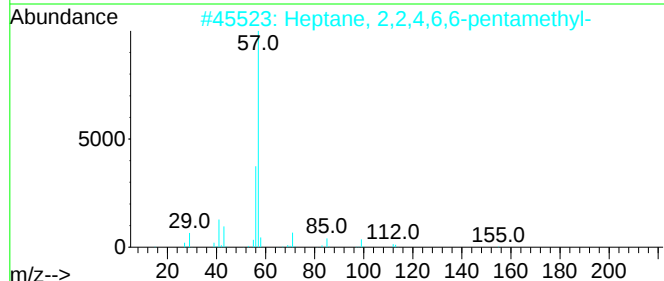
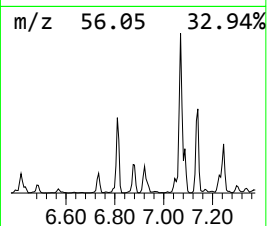
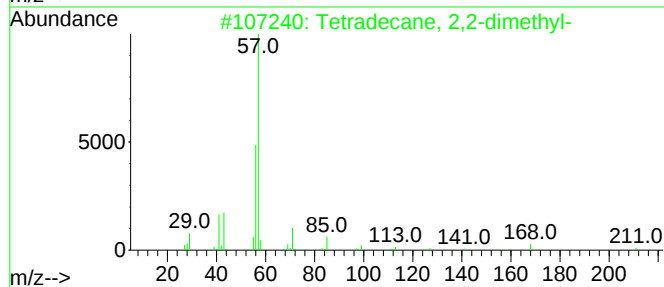
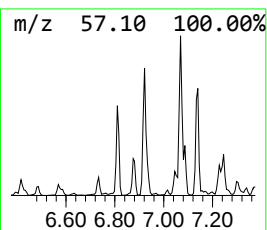
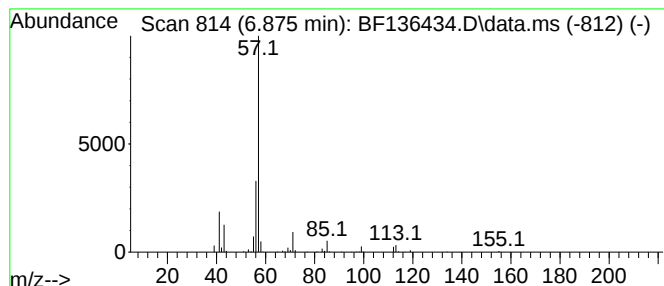
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane, 2,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	6.33 ng	198246	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
3			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	59
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
5			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
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ClientSampleId :
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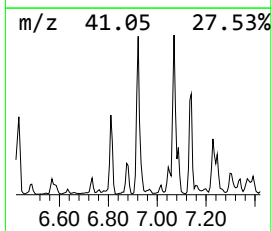
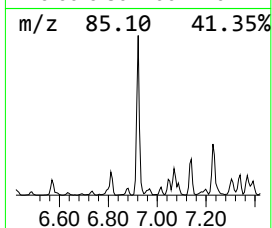
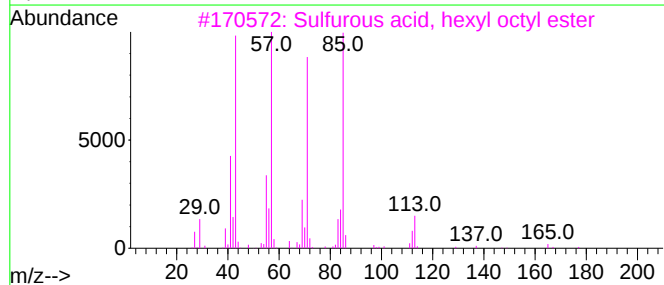
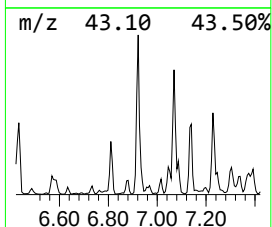
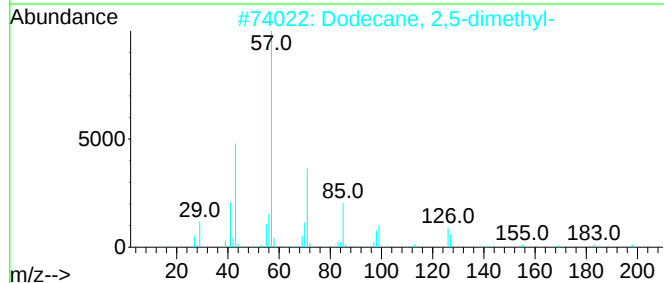
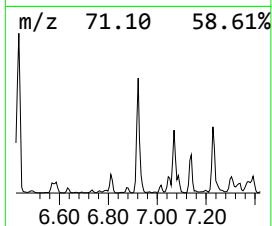
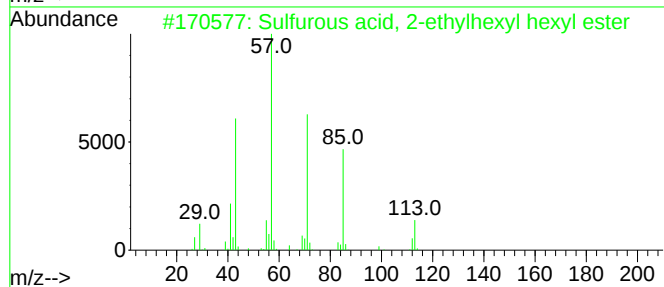
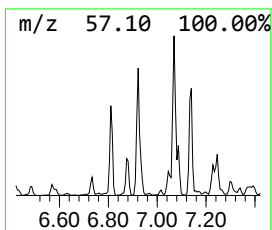
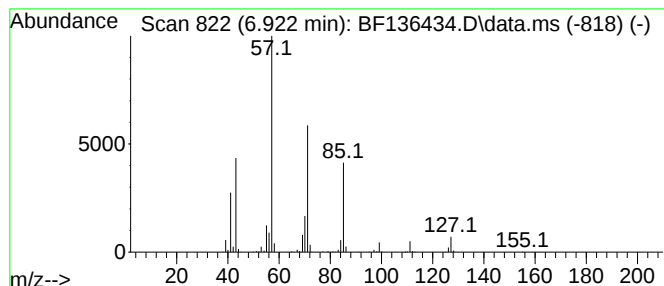
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	36.91 ng	1156080	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
3			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	59
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
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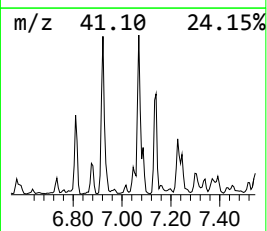
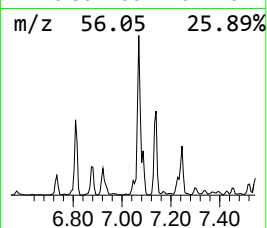
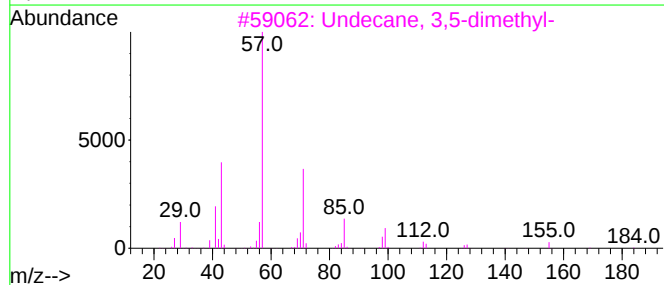
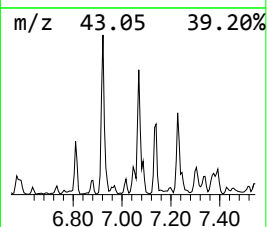
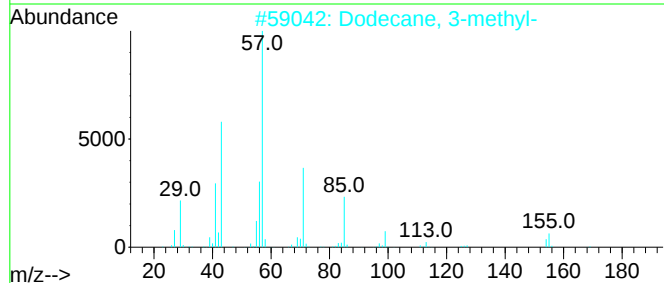
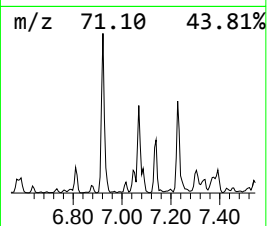
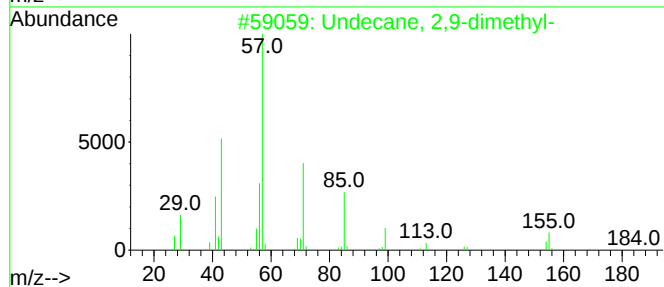
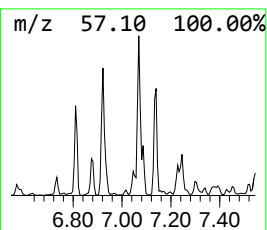
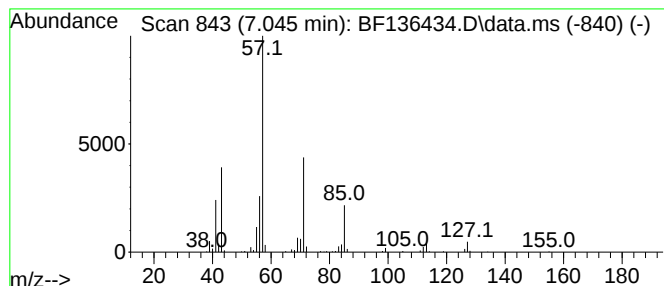
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane, 2,9-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	6.94 ng	217452	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

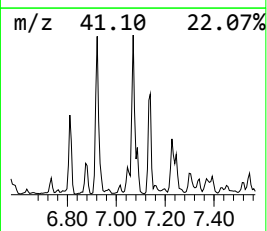
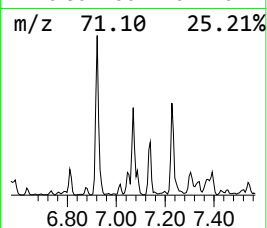
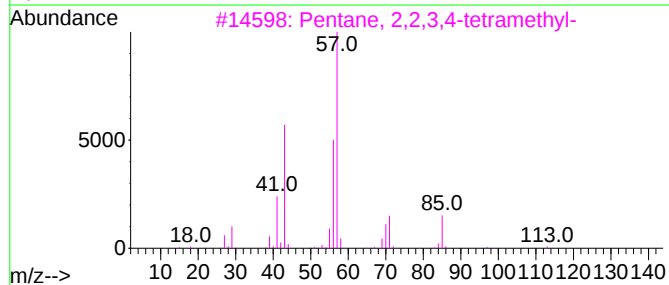
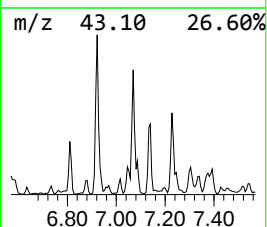
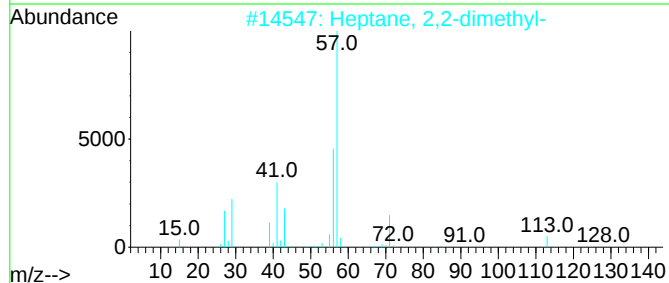
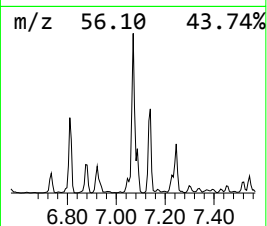
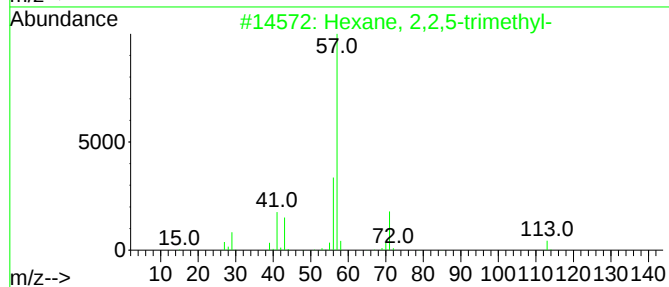
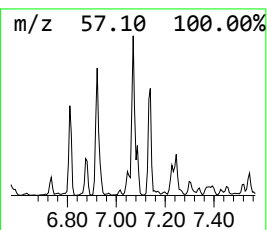
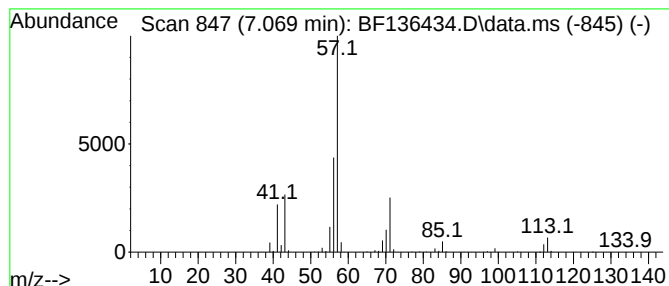
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexane, 2,2,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	37.85 ng	1185470	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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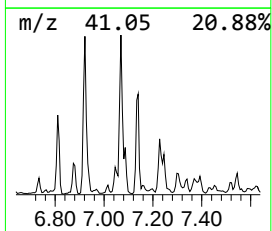
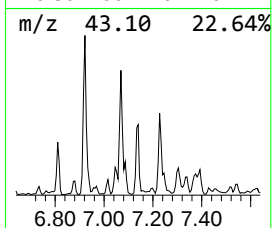
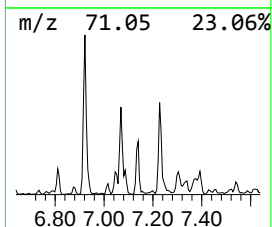
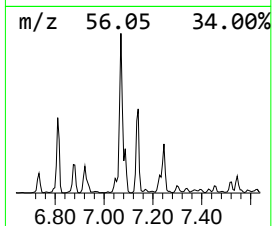
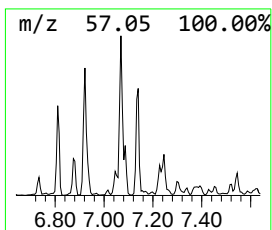
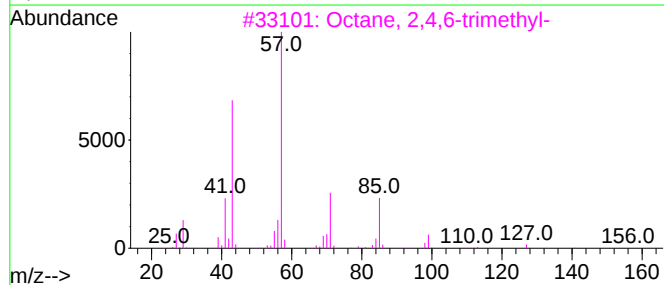
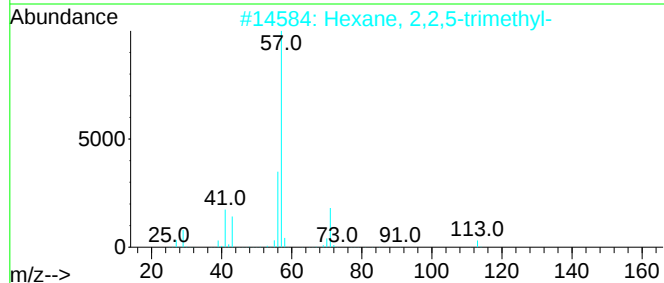
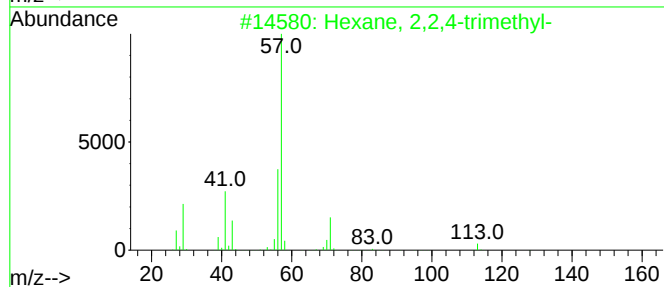
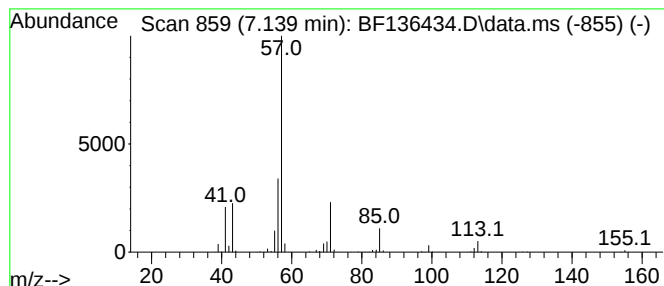
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexane, 2,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	21.22 ng	664506	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
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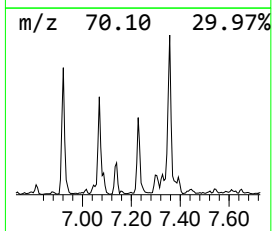
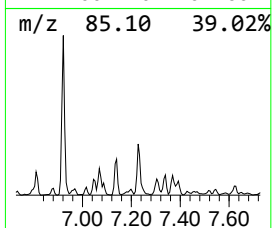
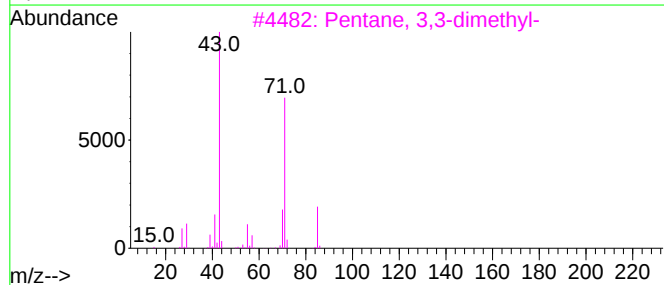
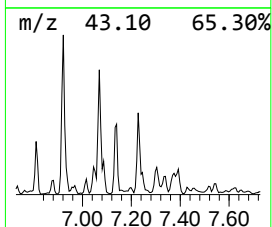
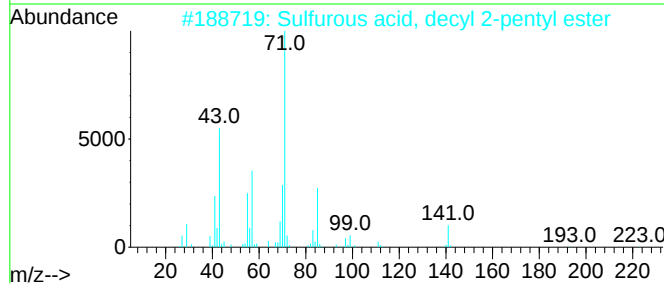
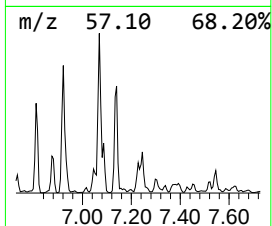
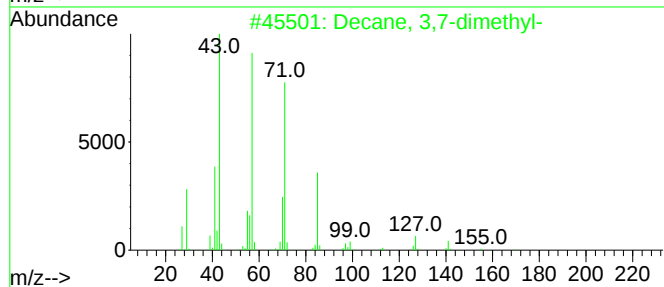
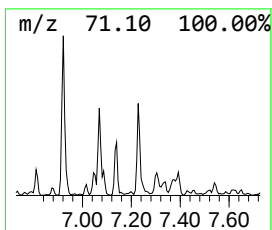
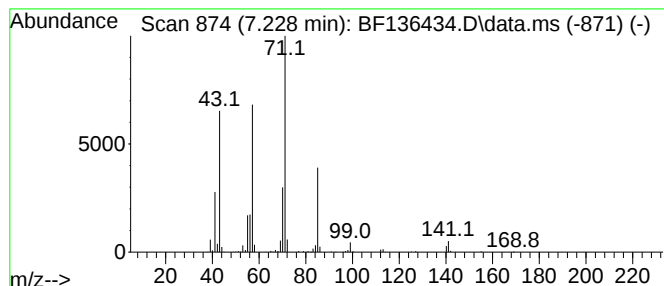
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decane, 3,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	21.20 ng	664028	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
2			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	72
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
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ClientSampleId :
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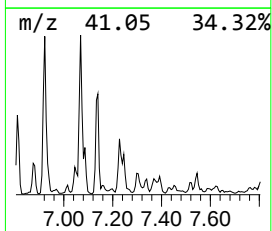
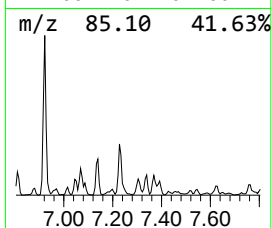
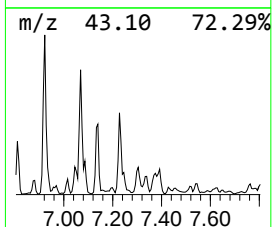
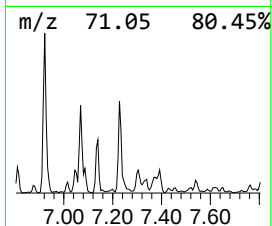
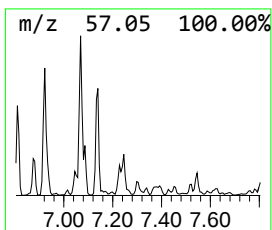
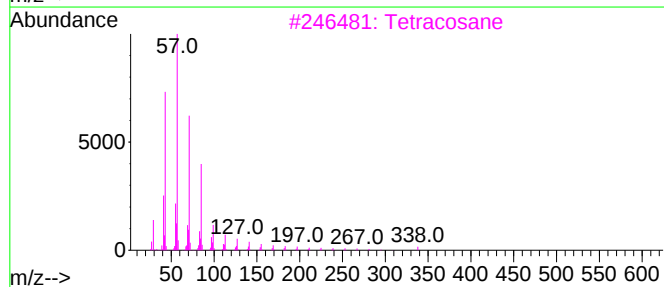
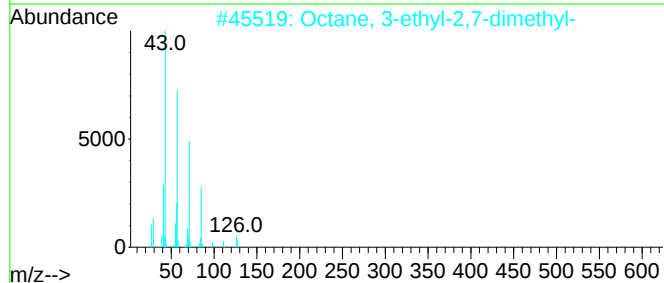
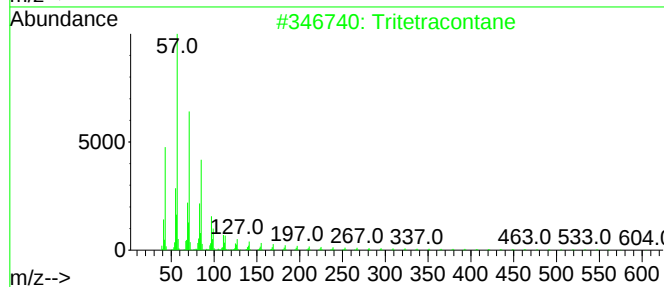
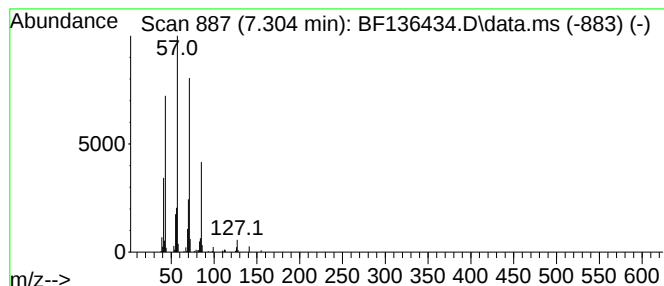
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tritetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.304	6.84 ng	214236	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	78
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3			Tetracosane	338	C24H50	000646-31-1	72
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

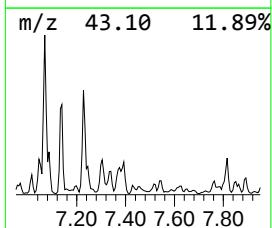
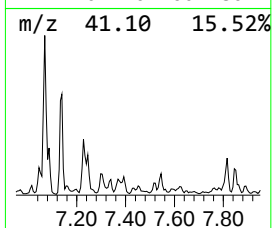
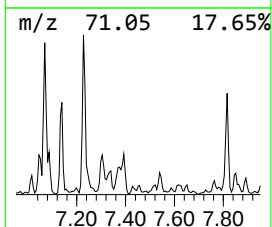
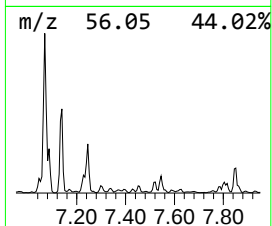
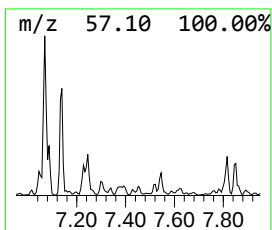
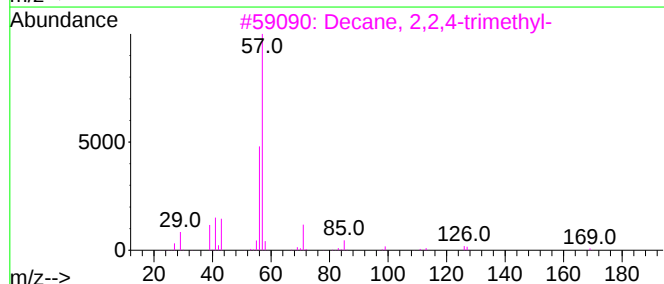
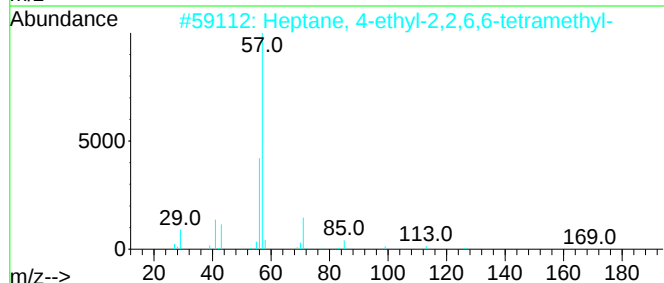
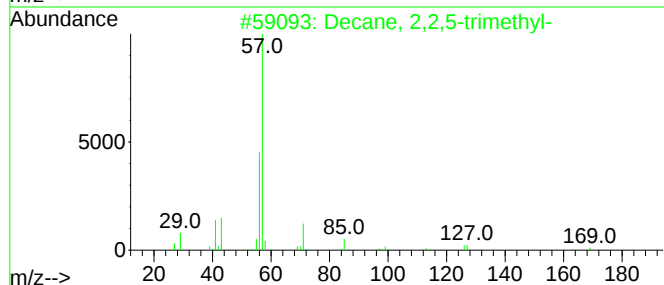
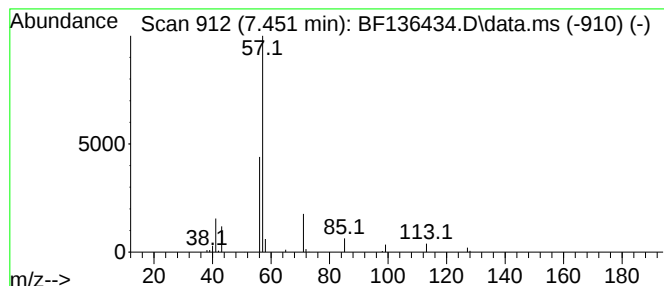
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Decane, 2,2,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.451	2.49 ng	86106	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78
2			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	78
3			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	64
4			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
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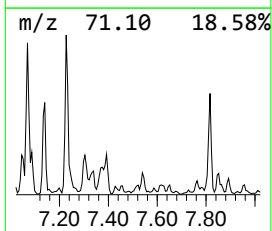
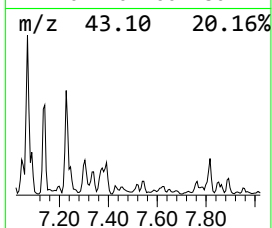
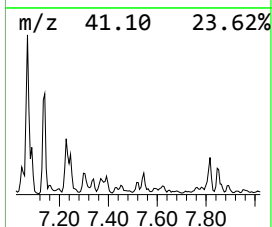
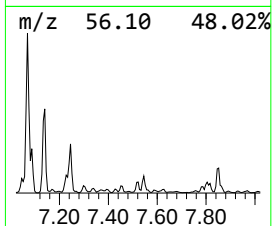
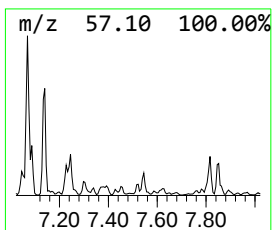
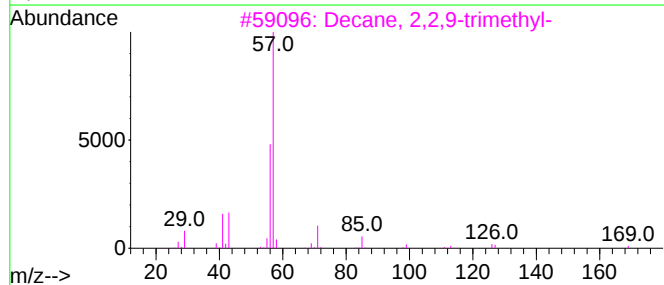
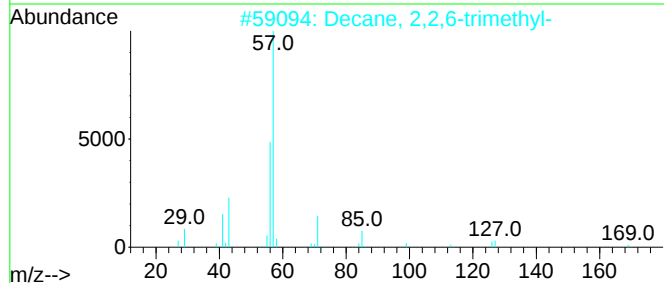
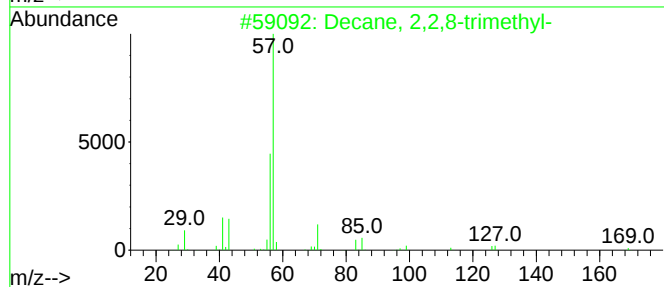
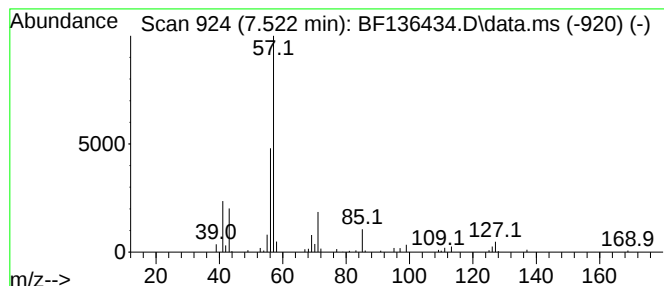
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Decane, 2,2,8-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	2.58 ng	89413	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
2			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
3			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
4			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	78
5			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
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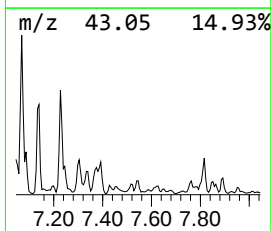
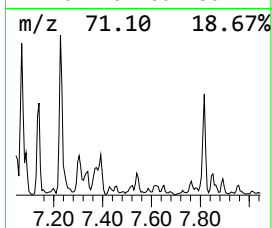
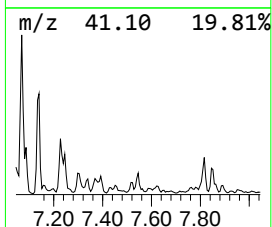
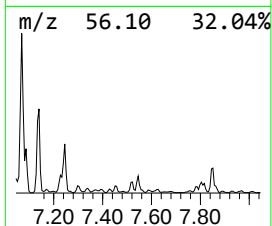
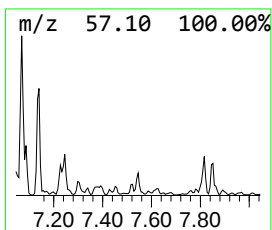
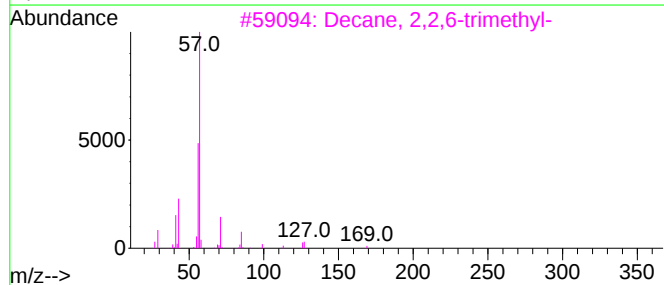
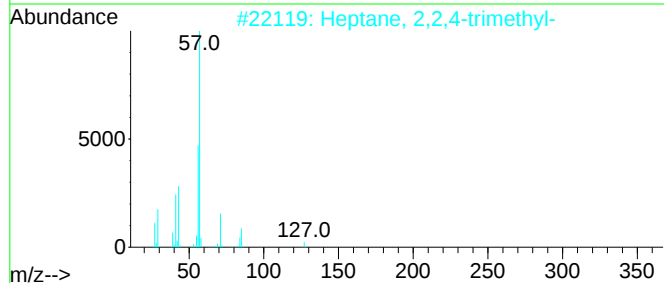
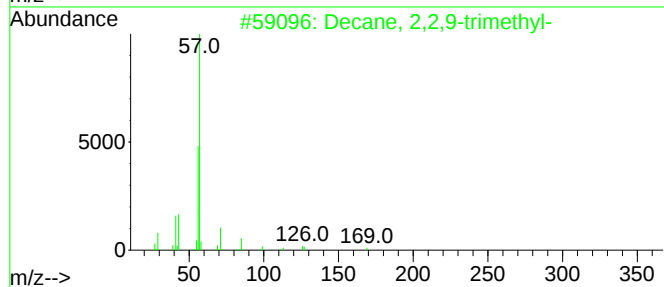
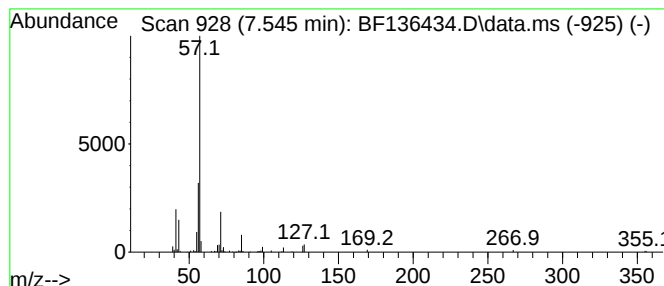
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Decane, 2,2,9-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	5.22 ng	180854	Naphthalene-d8	8.075

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
2		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
3		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	59
4		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
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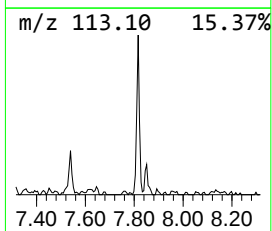
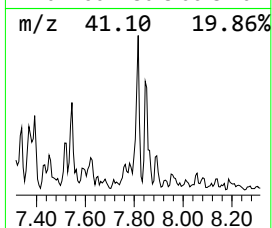
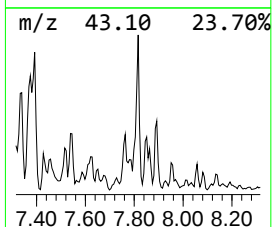
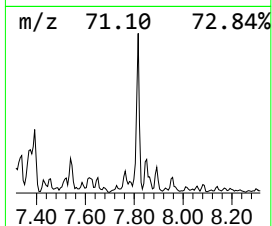
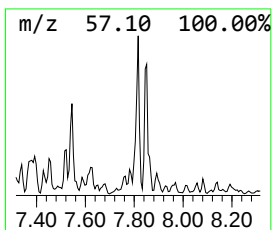
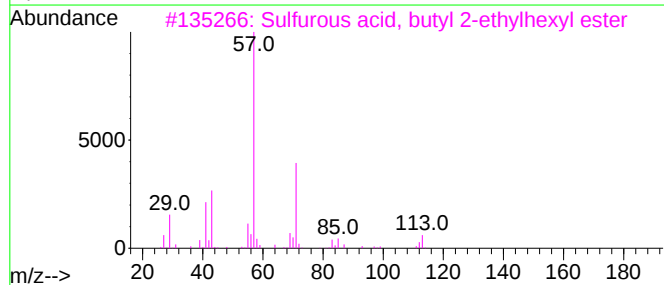
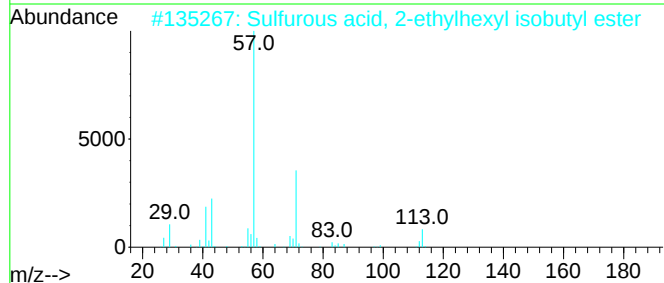
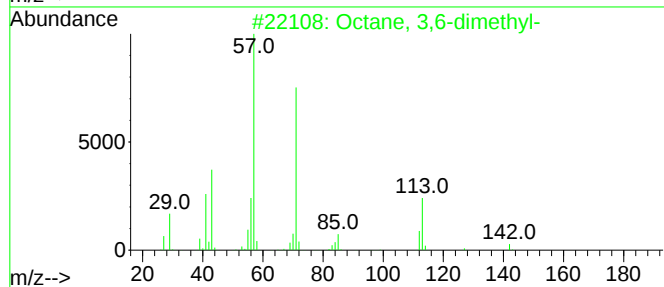
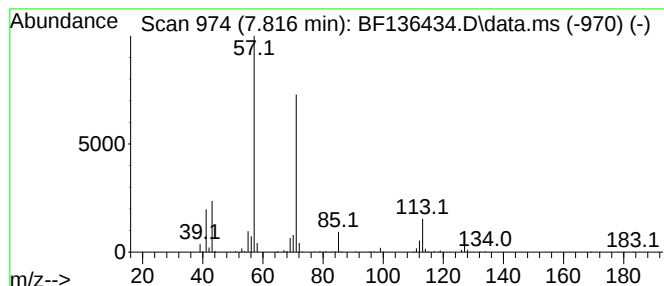
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	9.37 ng	324426	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	64
3			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROUTE-4-TP-5

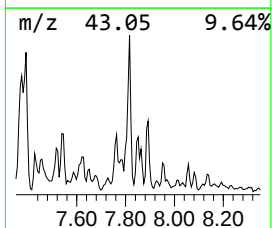
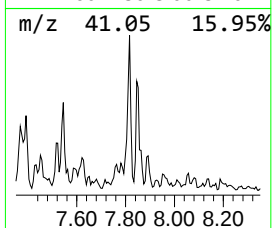
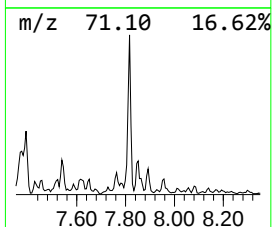
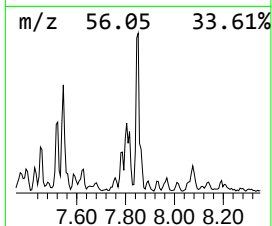
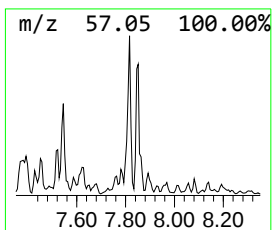
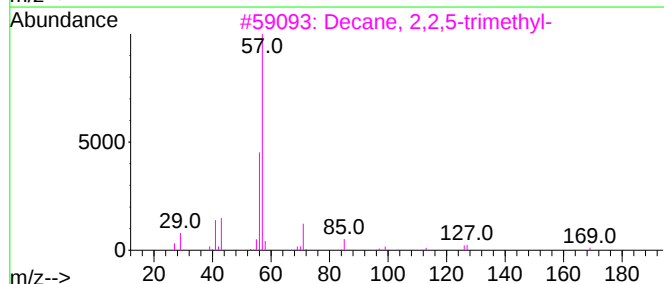
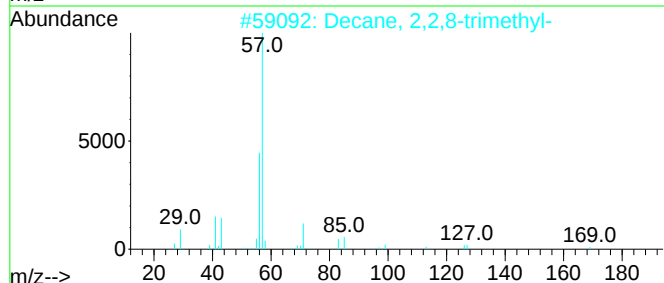
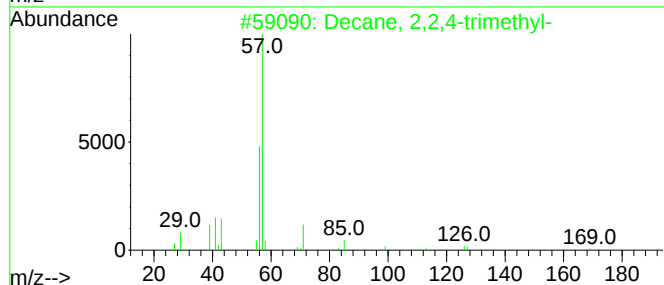
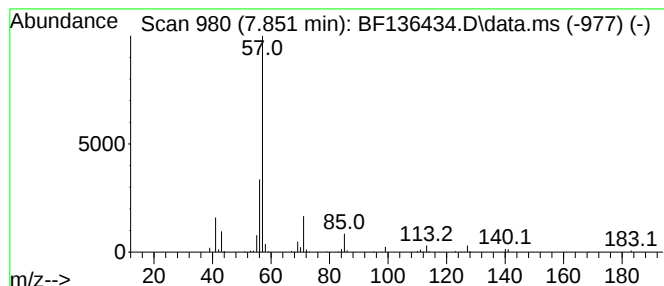
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 2,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.851	6.40 ng	221419	Naphthalene-d8	8.075

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
3		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
4		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64
5		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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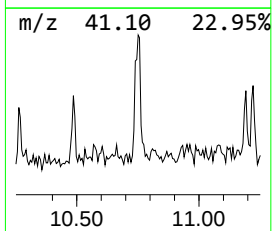
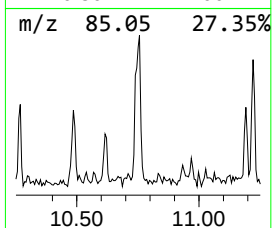
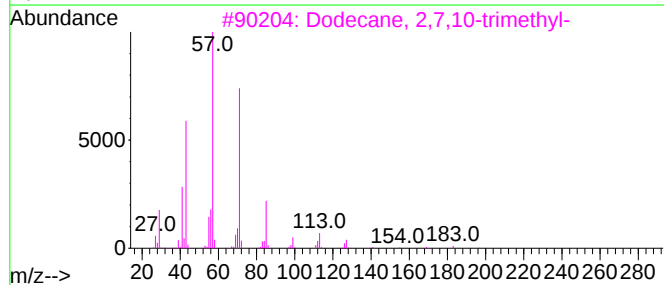
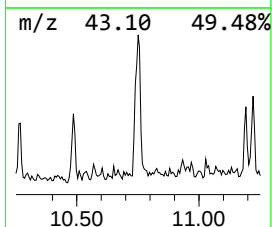
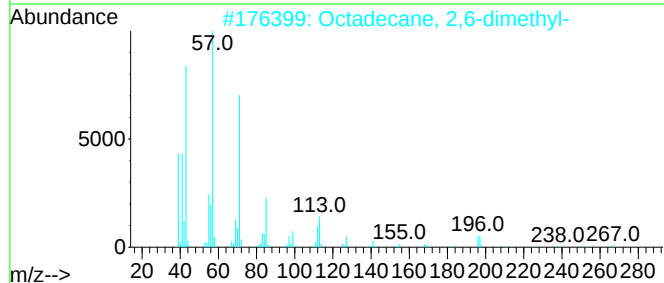
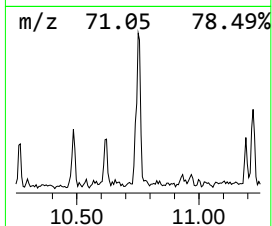
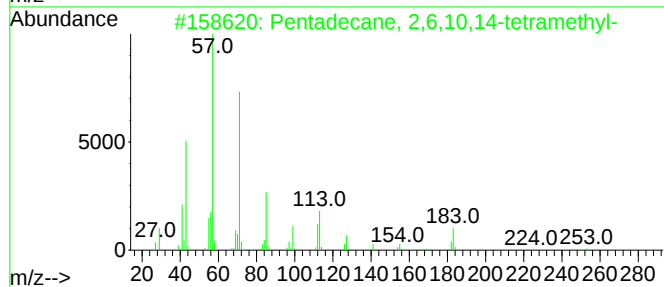
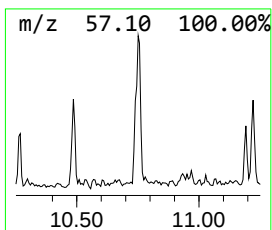
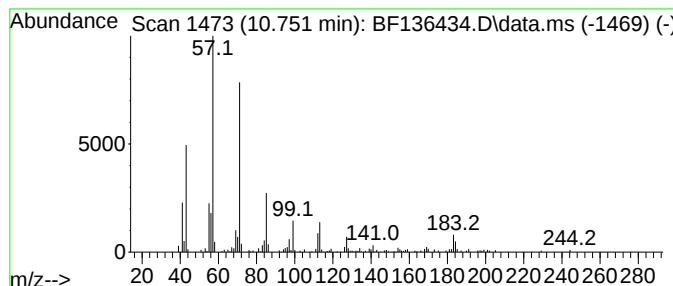
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.751	5.43 ng	164342	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
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ALS Vial : 17 Sample Multiplier: 1

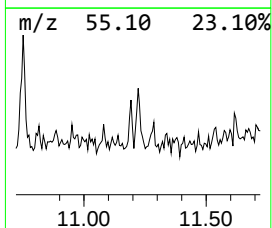
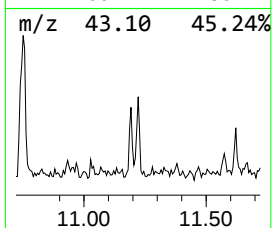
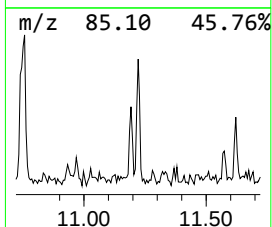
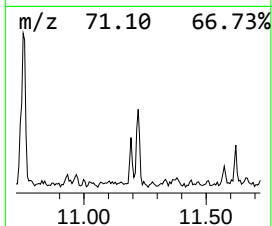
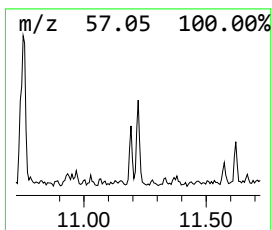
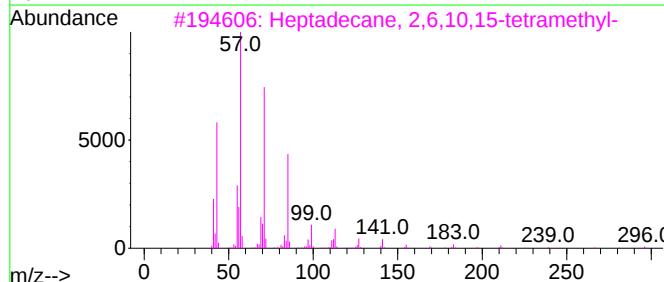
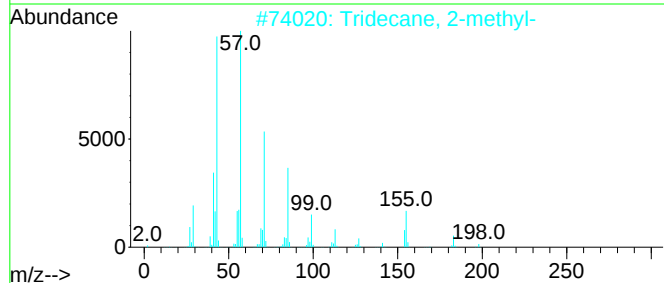
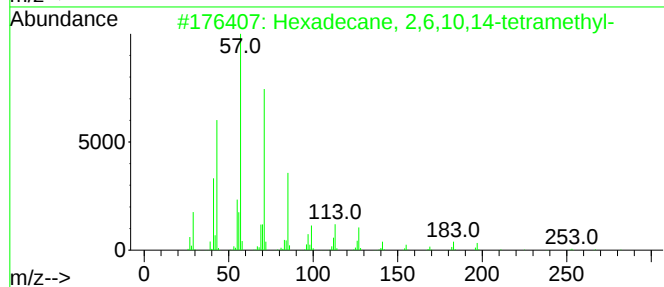
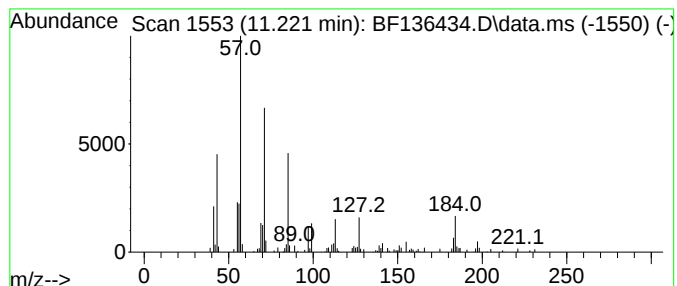
Instrument :
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ClientSampleId :
ROUTE-4-TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.222	2.56 ng	77489	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Pentacosane	352	C25H52	000629-99-2	80
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

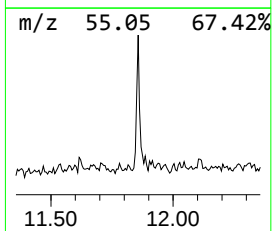
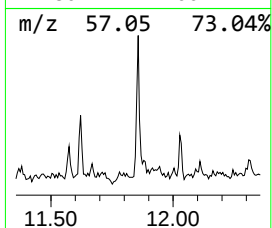
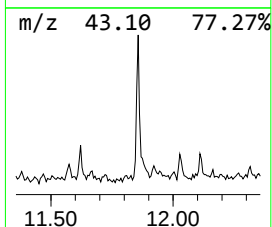
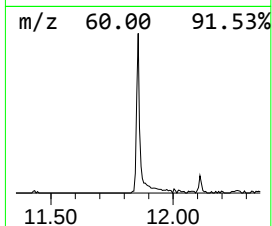
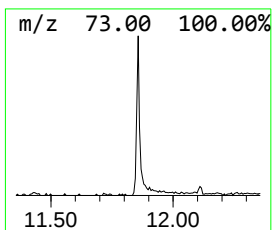
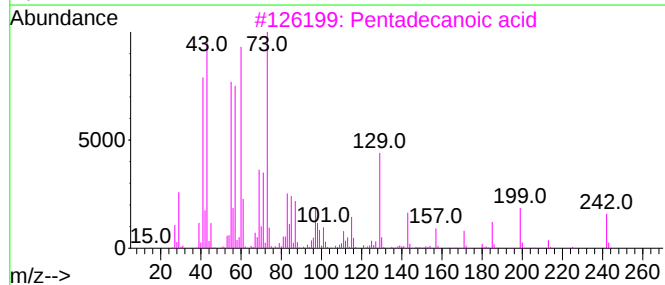
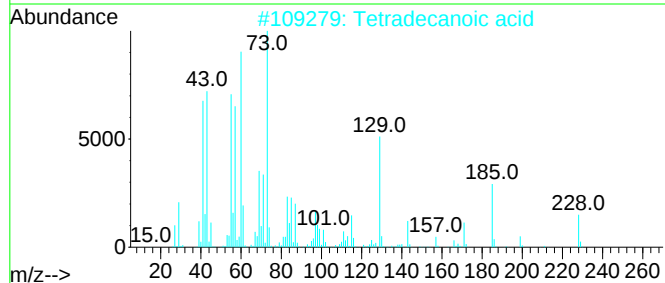
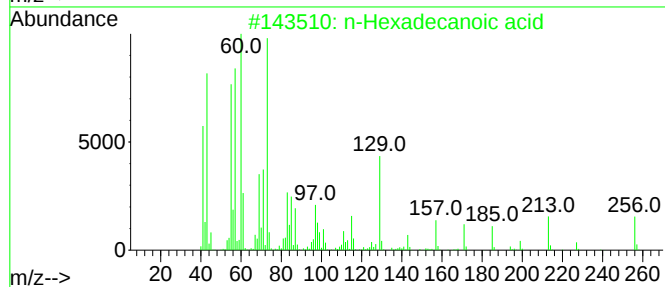
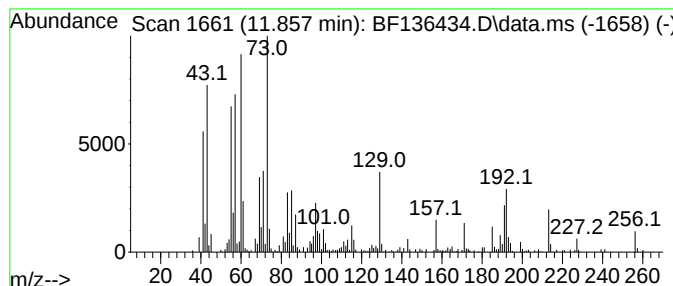
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	7.14 ng	216095	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	60
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

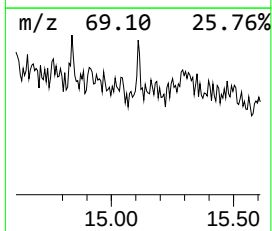
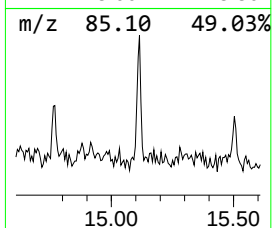
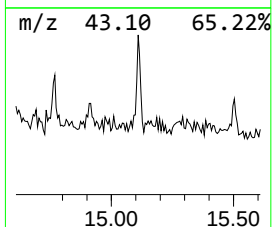
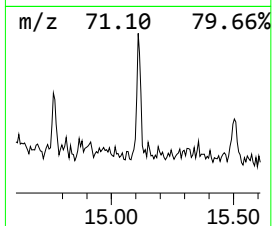
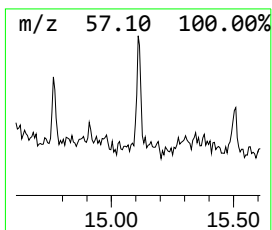
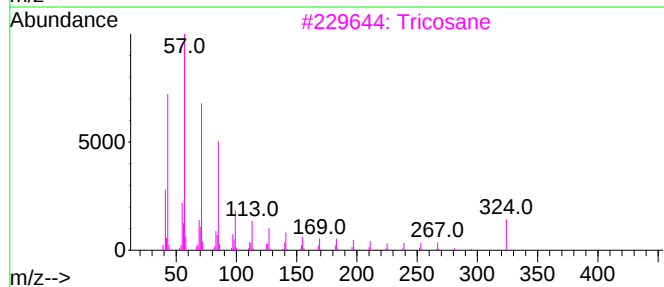
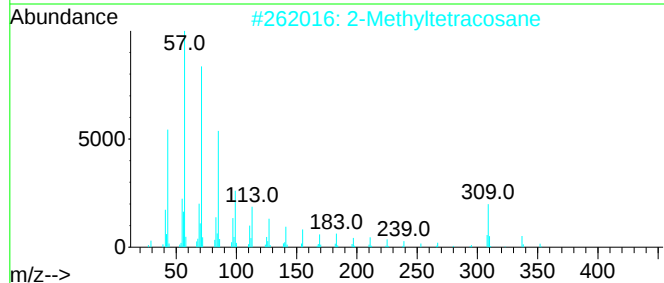
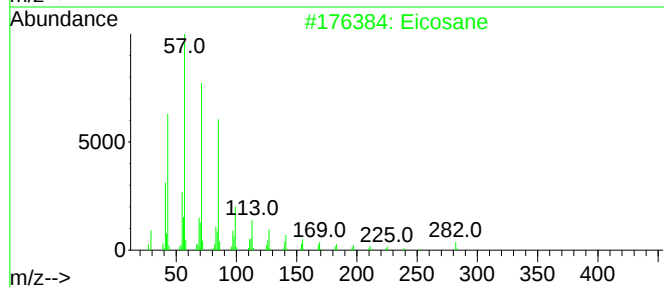
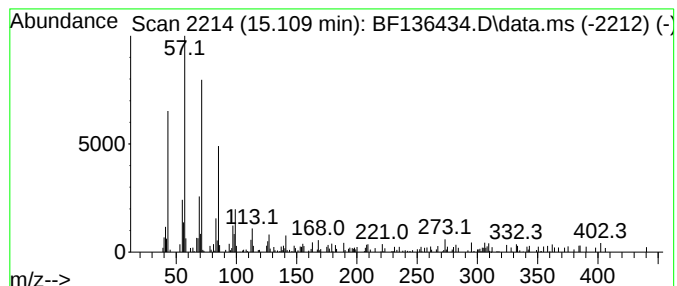
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	3.86 ng	67820	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	2-Methyltetracosane			352	C25H52	001560-78-7	87
3	Tricosane			324	C23H48	000638-67-5	81
4	11-Methyltricosane			338	C24H50	027538-41-6	81
5	Hexacosane			366	C26H54	000630-01-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136434.D
Acq On : 06 Dec 2023 18:17
Operator : CG\JU
Sample : 05602-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.034	5.034	2.5	ng	79159	1	6.798	626402	20.0
Octane, 2,2,6-t...	6.292	9.5	ng	296991	1	6.798	626402	20.0
Nonadecane	6.569	5.3	ng	167279	1	6.798	626402	20.0
Heptane, 2,2,4,...	6.734	2.5	ng	77608	1	6.798	626402	20.0
Tetradecane, 2,...	6.875	6.3	ng	198246	1	6.798	626402	20.0
Sulfurous acid,...	6.922	36.9	ng	1156080	1	6.798	626402	20.0
Undecane, 2,9-d...	7.045	6.9	ng	217452	1	6.798	626402	20.0
Hexane, 2,2,5-t...	7.069	37.9	ng	1185470	1	6.798	626402	20.0
Hexane, 2,2,4-t...	7.139	21.2	ng	664506	1	6.798	626402	20.0
Decane, 3,7-dim...	7.228	21.2	ng	664028	1	6.798	626402	20.0
Tritetracontane	7.304	6.8	ng	214236	1	6.798	626402	20.0
Decane, 2,2,5-t...	7.451	2.5	ng	86106	2	8.075	692278	20.0
Decane, 2,2,8-t...	7.522	2.6	ng	89413	2	8.075	692278	20.0
Decane, 2,2,9-t...	7.545	5.2	ng	180854	2	8.075	692278	20.0
Octane, 3,6-dim...	7.816	9.4	ng	324426	2	8.075	692278	20.0
Decane, 2,2,4-t...	7.851	6.4	ng	221419	2	8.075	692278	20.0
Pentadecane, 2,...	10.751	5.4	ng	164342	4	11.322	605371	20.0
Hexadecane, 2,6...	11.222	2.6	ng	77489	4	11.322	605371	20.0
n-Hexadecanoic ...	11.857	7.1	ng	216095	4	11.322	605371	20.0
Eicosane	15.110	3.9	ng	67820	6	15.451	351183	20.0