LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131457.D
Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	27	38	43	rVB	1089643	1507771	30.60%	3.106%
2	2.416	51	56	65	rVB	99899	124005	2.52%	0.255%
3	4.569	418	422	427	rBV	55951	58005	1.18%	0.119%
4	5.187	520	527	542	rVB	1559371	2357834	47.86%	4.857%
5	5.575	587	593	596	rBV	3985166	4411209	89.54%	9.087%
6	5.957	653	658	663	rBV3	244293	286083	5.81%	0.589%
7	6.010	663	667	669	rBV	72147	87449	1.77%	0.180%
8	6.087	678	680	682	rBV	82216	58247	1.18%	0.120%
9	6.140	685	689	692	rBV	109908	114937	2.33%	0.237%
10	6.181	692	696	703	rBV2	272924	461245	9.36%	0.950%
11	6.240	703	706	709	rVV	235212	221355	4.49%	0.456%
12	6.269	709	711	715	rVV3	89585	111750	2.27%	0.230%
13	6.304	715	717	719	rVB	63969	51139	1.04%	0.105%
14	6.375	725	729	733	rBV2	188178	275347	5.59%	0.567%
15	6.416	733	736	737	rVV	67488	77164	1.57%	0.159%
16	6.434	737	739	742	rVV	172840	134959	2.74%	0.278%
17	6.481	742	747	756	rVV4	204994	411748	8.36%	0.848%
18	6.575	756	763	768	rVV	3537655	4667782	94.74%	9.615%
19	6.616	768	770	772	rVV2	183087	155772	3.16%	0.321%
20	6.639	772	774	777	rVV2	99316	107734	2.19%	0.222%
21	6.681	777	781	785	rVV4	217330	354867	7.20%	0.731%
22	6.716	785	787	793	rVB5	173440	234852	4.77%	0.484%
23	6.781	793	798	799	rBV4	108726	129081	2.62%	0.266%
24	6.798	799	801	804	rVV	126636	102120	2.07%	0.210%
25	6.828	804	806	808	rVV2	76194	80176	1.63%	0.165%
26	6.857	808	811	815	rVV2	159957	246967	5.01%	0.509%
27	6.904	815	819	820	rVV3	173768	234604	4.76%	0.483%
28	6.945	823	826	829	rVV	1365852	1219662	24.76%	2.512%
29	6.992	829	834	838	rVV2	167473	295847	6.00%	0.609%
30	7.028	838	840	841	rVV2	110023	103757	2.11%	0.214%
31	7.051	841	844	846	rVV	202896	231965	4.71%	0.478%
32	7.081	846	849	853	rVV3	249228	294713	5.98%	0.607%
33	7.116	853	855	857	rVV2	92441	85547	1.74%	0.176%
34	7.163	861	863	866	rVV2	112222	96385	1.96%	0.199%
35	7.210	866	871	874	rVB3	139306	171557	3.48%	0.353%
36	7.287	879	884	887	rVV2	49119	83749	1.70%	0.173%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.339	889	893	895	rVV2	146485	163031	3.31%	0.336%
38	7.363	895	897	904	rVB5	74401	102955	2.09%	0.212%
39	7.475	909	916	917	rBV3	80345	148619	3.02%	0.306%
40	7.510	917	922	925	rVB	2367025	2874386	58.34%	5.921%
41	7.575	930	933	934	rBV2	77226	92382	1.88%	0.190%
42	7.634	938	943	947	rBV2	65155	98259	1.99%	0.202%
43	7.716	954	957	961	rBV2	51540	74542	1.51%	0.154%
44	7.869	980	983	986	rVV3	59519	55492	1.13%	0.114%
45	8.234	1040	1045	1048	rBV	1276234	1156019	23.46%	2.381%
46	9.316	1222	1229	1232	rBV	4988609	4926714	100.00%	10.149%
47	9.998	1336	1345	1348	rBV	1640025	1376065	27.93%	2.835%
48	10.028	1348	1350	1354	rVB	191860	151077	3.07%	0.311%
49	10.204	1374	1380	1383	rBV	57765	58122	1.18%	0.120%
50	10.545	1434	1438	1442	rVB	117934	100146	2.03%	0.206%
51	10.716	1463	1467	1471	rVB2	48968	58002	1.18%	0.119%
52	10.798	1473	1481	1484	rBV	2961219	3314435	67.27%	6.828%
53	11.386	1578	1581	1586	rVB	53405	51165	1.04%	0.105%
54	11.492	1595	1599	1602	rBV	1424121	1455868	29.55%	2.999%
55	11.516	1602	1603	1607	rVV	829980	600472	12.19%	1.237%
56	11.569	1607	1612	1614	rVV	220297	225422	4.58%	0.464%
57	11.598	1614	1617	1624	rVB2	62934	64759	1.31%	0.133%
58	11.722	1631	1638	1642	rBV	90167	98403	2.00%	0.203%
59	11.998	1680	1685	1686	rBV	77950	64886	1.32%	0.134%
60	12.021	1686	1689	1693	rVB2	123783	128850	2.62%	0.265%
61	12.110	1700	1704	1707	rBV2	137101	154576	3.14%	0.318%
62	12.716	1803	1807	1810	rBV	1035844	870049	17.66%	1.792%
63	12.945	1840	1846	1852	rBV	801595	867465	17.61%	1.787%
64	13.092	1866	1871	1874	rVV	4418510	4479117	90.91%	9.227%
65	13.163	1878	1883	1887	rBV3	38582	65901	1.34%	0.136%
66	13.274	1899	1902	1905	rVB	142140	127802	2.59%	0.263%
67	13.339	1910	1913	1916	rVV	123978	110476	2.24%	0.228%
68	13.380	1916	1920	1922	rVB2	52022	60095	1.22%	0.124%
69	13.657	1962	1967	1969	rBV2	57181	70866	1.44%	0.146%
70	13.898	2004	2008	2010	rBV2	65516	65458	1.33%	0.135%
71	13.986	2021	2023	2025	rBV3	82049	76684	1.56%	0.158%
72	14.021	2025	2029	2042	rVB3	221093	595540	12.09%	1.227%
73	14.151	2042	2051	2053	rBV2	1241616	1431465	29.06%	2.949%
74	14.174	2053	2055	2061	rVB	371350	318367	6.46%	0.656%
75	14.257	2062	2069	2071	rBV2	85099	112138	2.28%	0.231%
76	14.304	2074	2077	2080	rVB2	62413	54396	1.10%	0.112%

LSC Area Percent Report

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Acq On : 29 Nov 2022 15:25
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Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-1

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.615	2126	2130	2131	rBV	65021	62011	1.26%	0.128%
78	14.939	2182	2185	2189	rVB	54119	54549	1.11%	0.112%
79	15.227	2229	2234	2237	rBV	218658	343798	6.98%	0.708%
80	15.545	2285	2288	2295	rVB	116403	163838	3.33%	0.337%
81	15.615	2295	2300	2306	rBV	173082	225901	4.59%	0.465%
82	15.686	2306	2312	2315	rBV	628307	826638	16.78%	1.703%
83	16.180	2392	2396	2403	rVB	44437	70700	1.44%	0.146%
84	17.233	2571	2575	2586	rVB3	72875	158640	3.22%	0.327%
85	17.709	2651	2656	2662	rBV2	47431	90684	1.84%	0.187%

Sum of corrected areas: 48544609

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Instrument :
BNA_F
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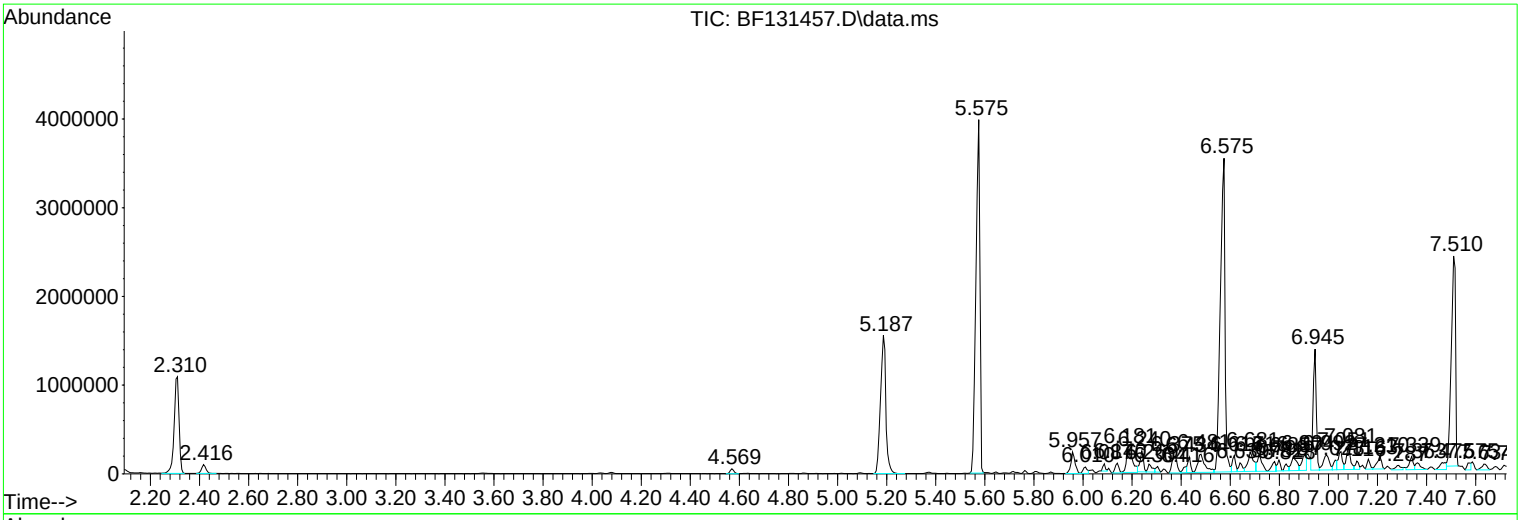
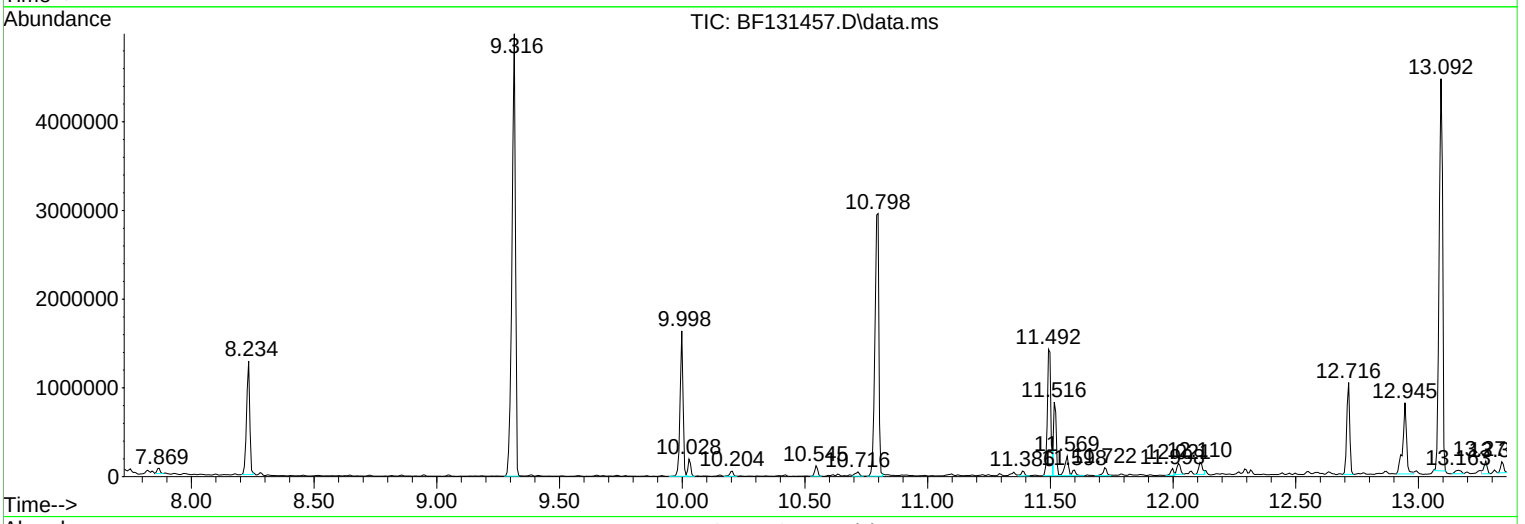
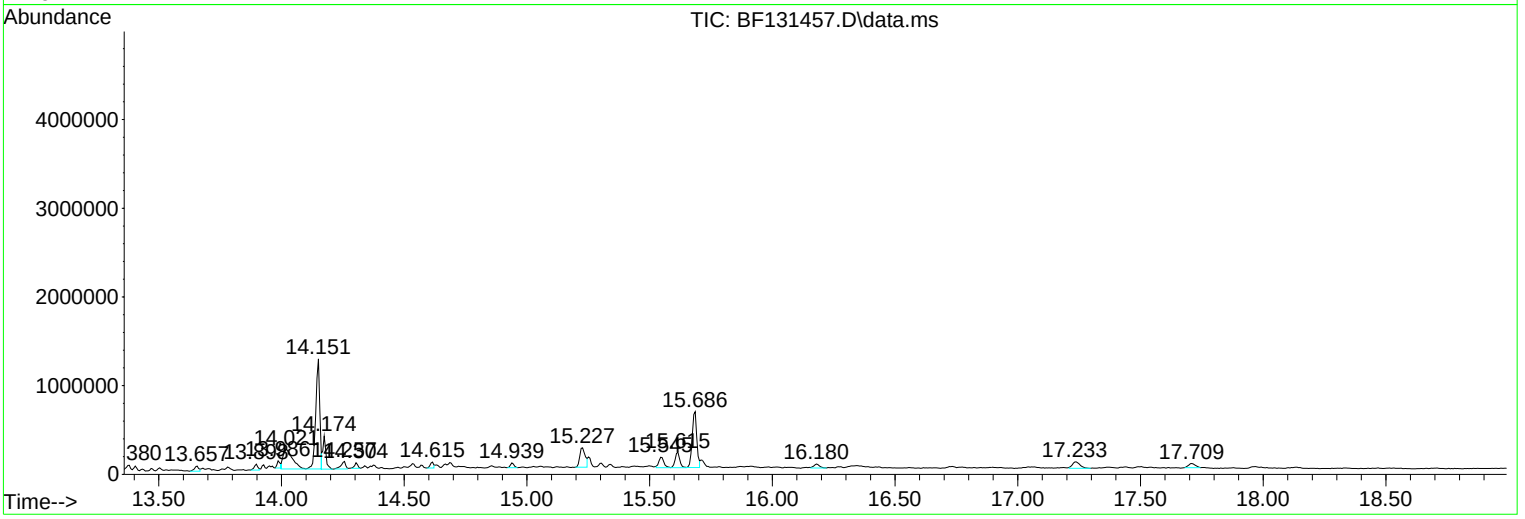
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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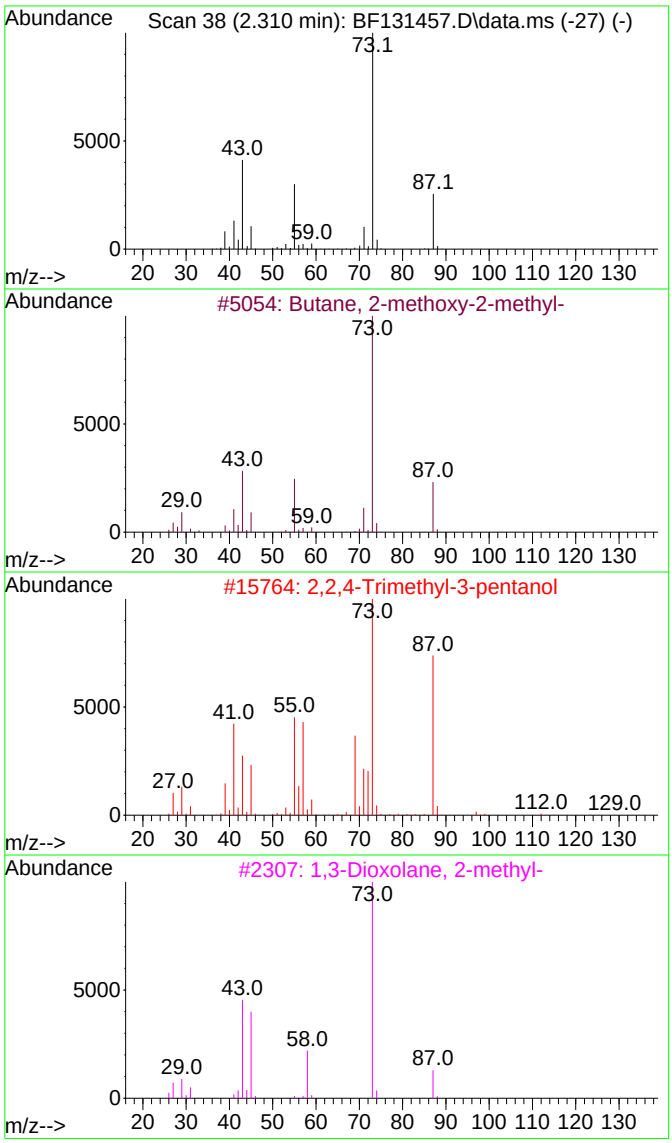
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

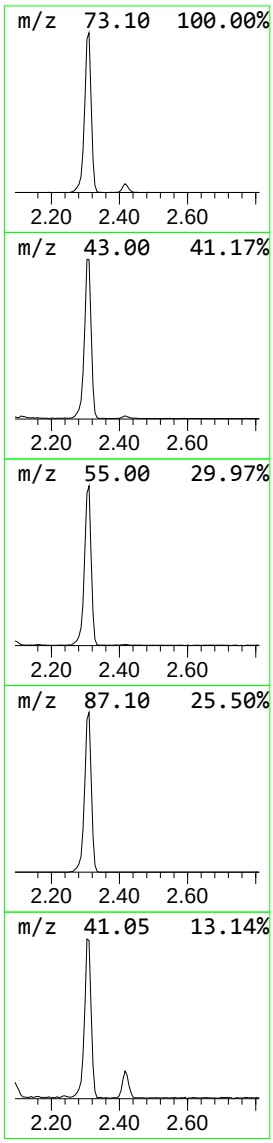
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.310	24.72 ng	1507770	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131457.D
Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

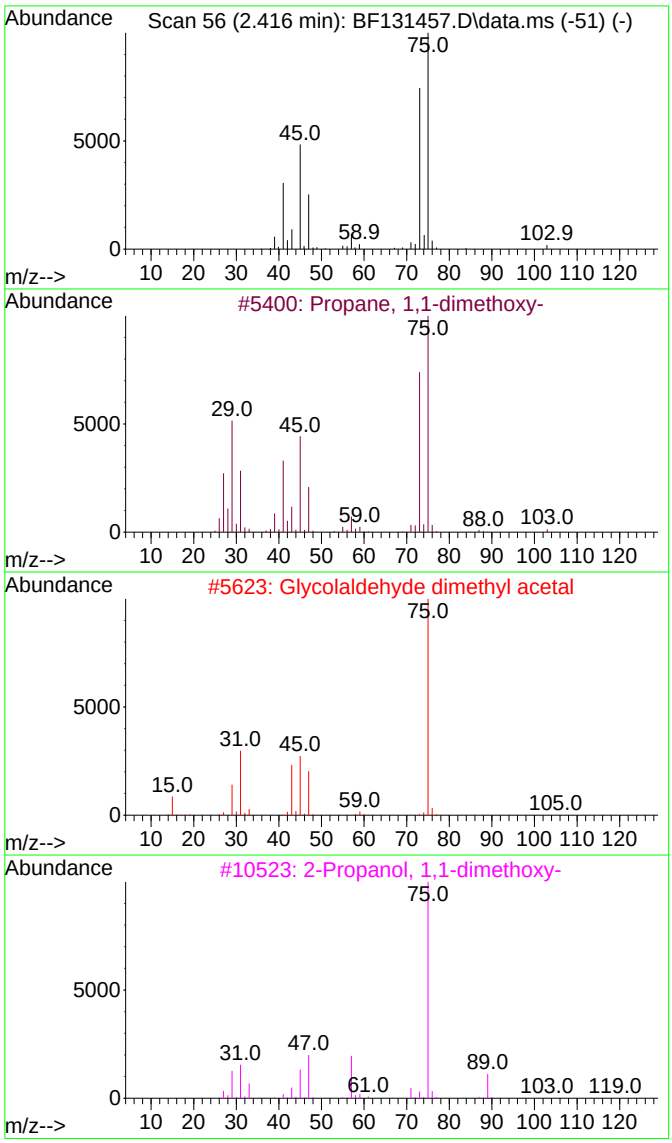
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

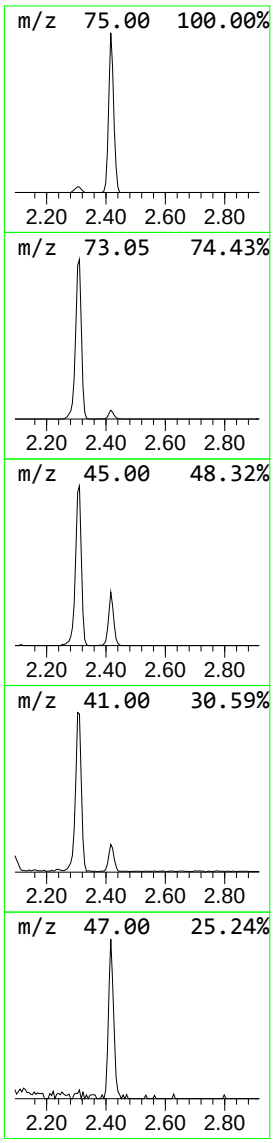
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.416	2.03 ng	124005	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	42
3	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
4	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	38
5	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	33





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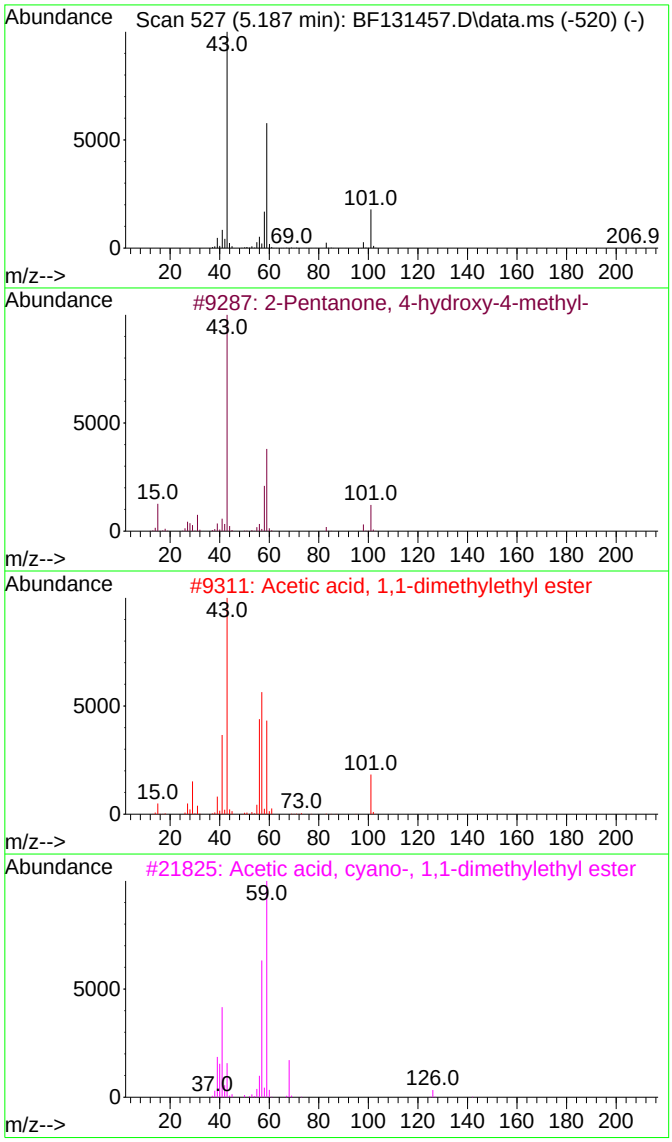
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

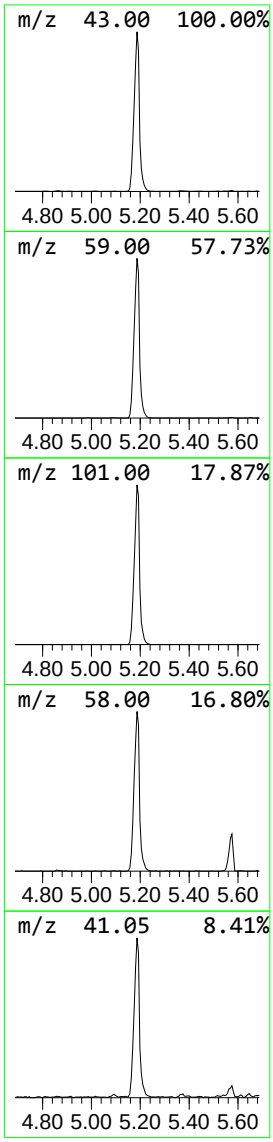
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	38.66 ng	2357830	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	9





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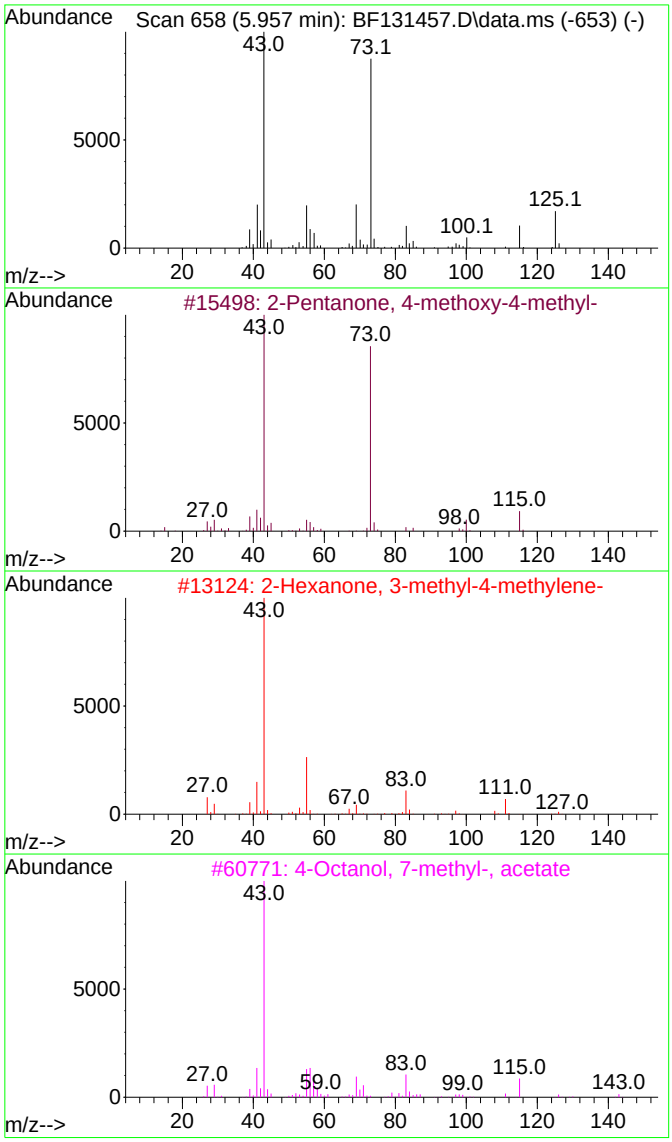
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

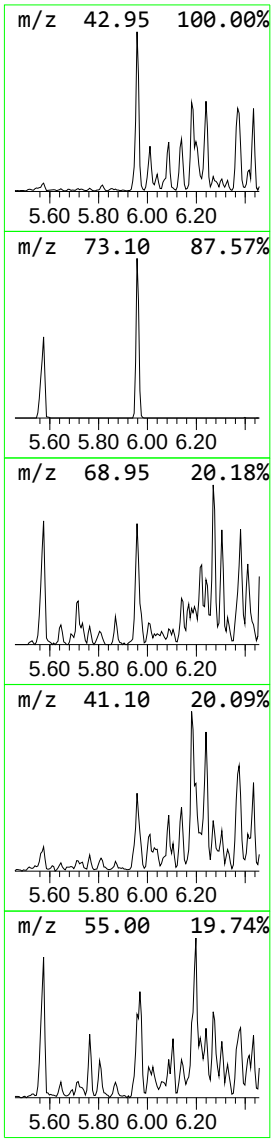
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	4.69 ng	286083	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	53
2	2-Hexanone, 3-methyl-4-methylene-	126	C8H14O	020690-71-5	27
3	4-Octanol, 7-methyl-, acetate	186	C11H22O2	033933-81-2	25
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	14





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

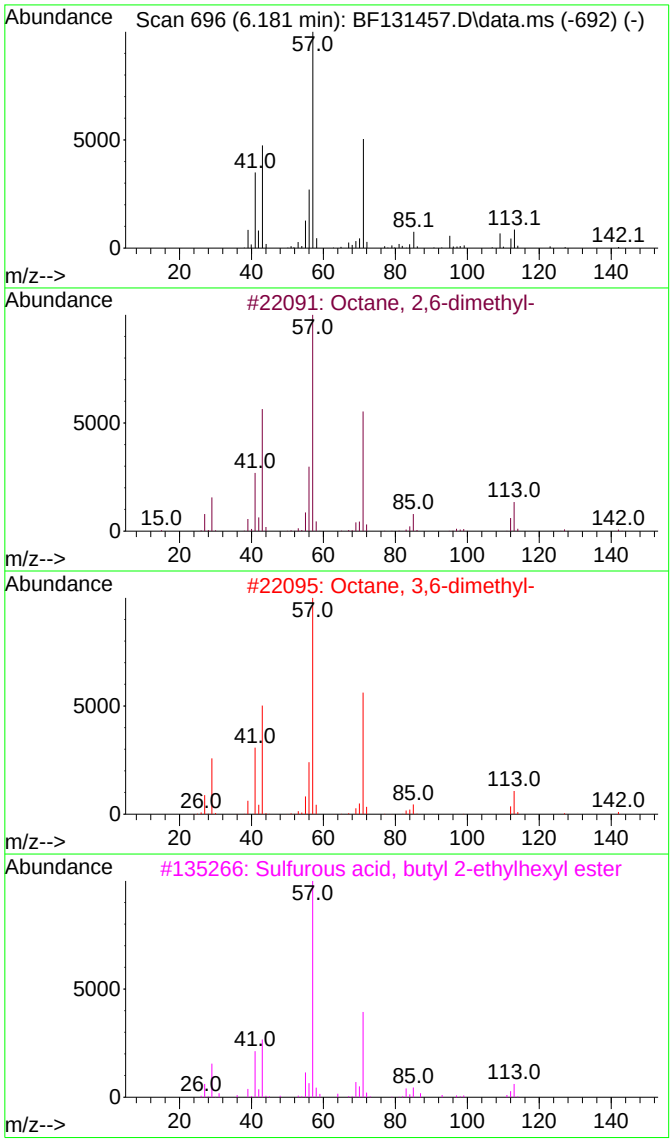
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

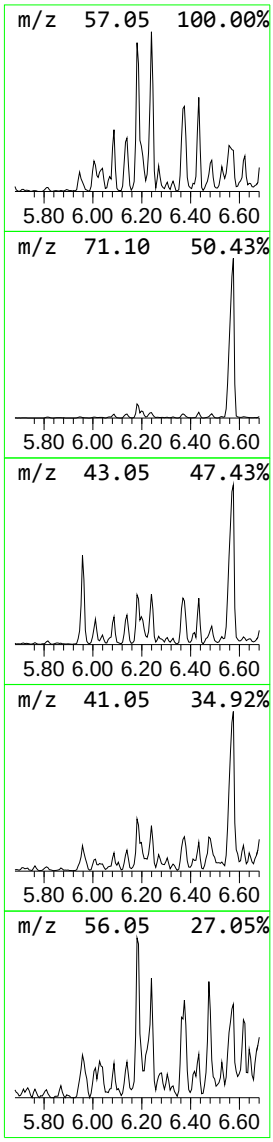
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.181	7.56 ng	461245	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53
4	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	53
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50





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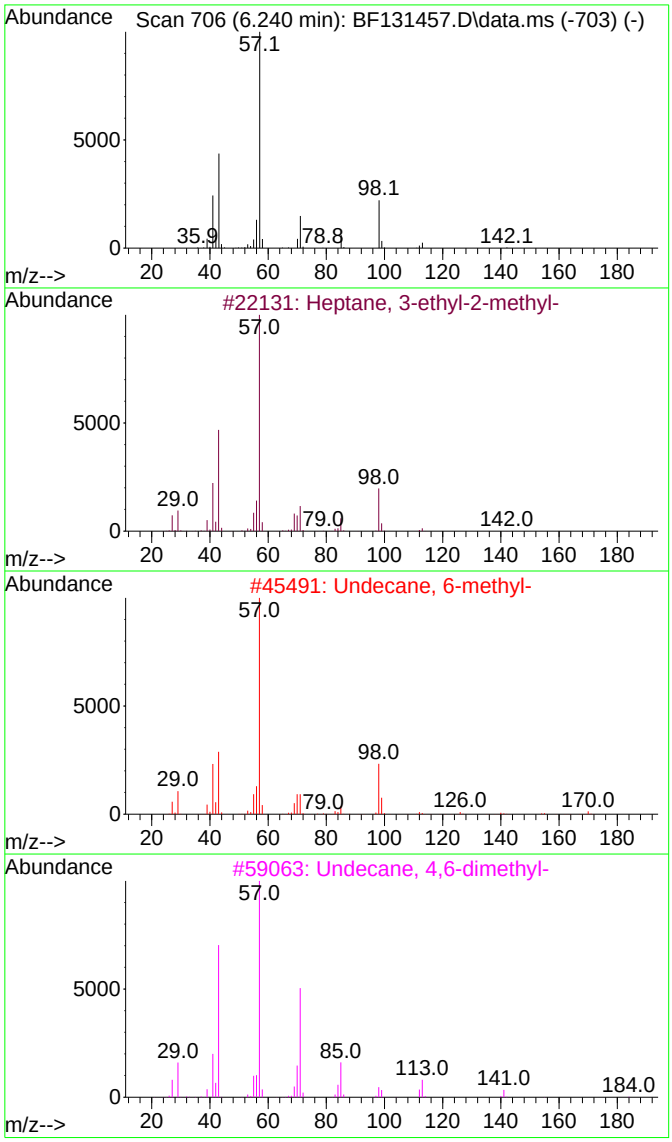
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

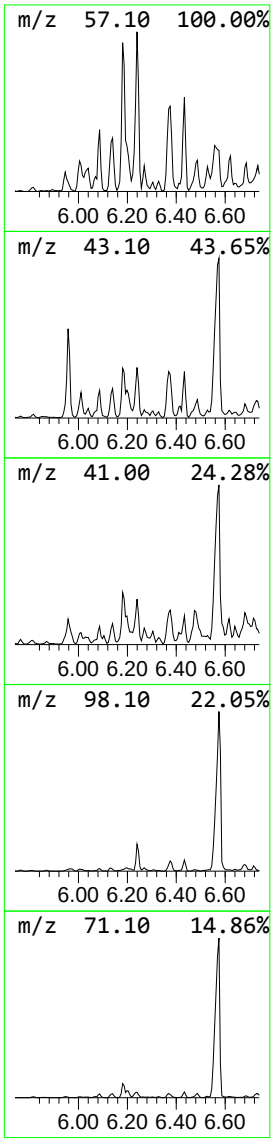
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 3-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.240	3.63 ng	221355	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	56
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43





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Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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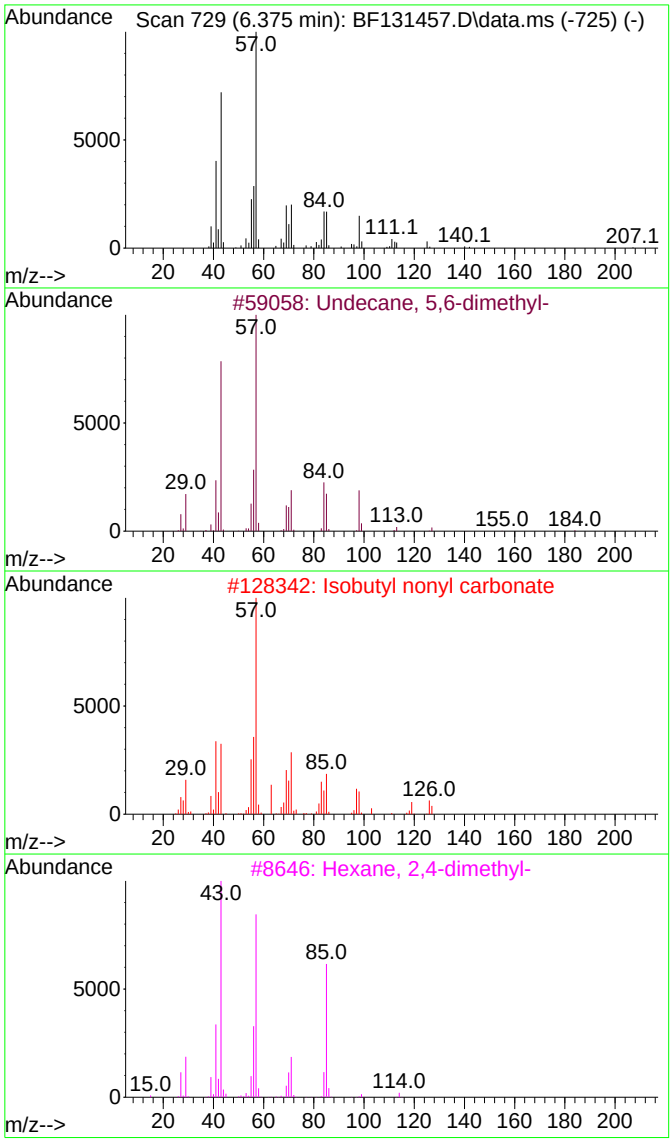
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

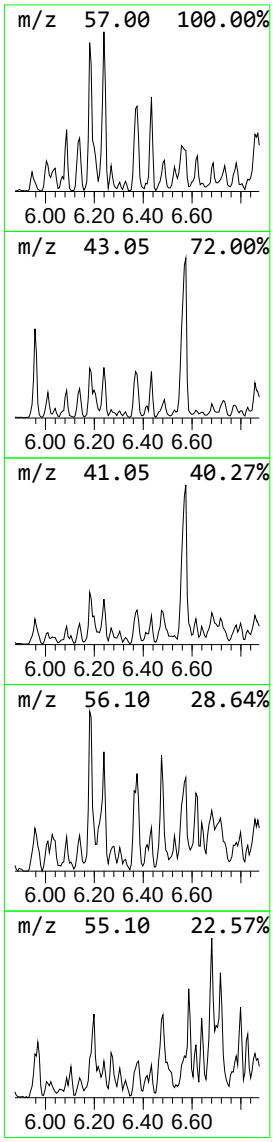
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Undecane, 5,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	4.52 ng	275347	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	86
2	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	52
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

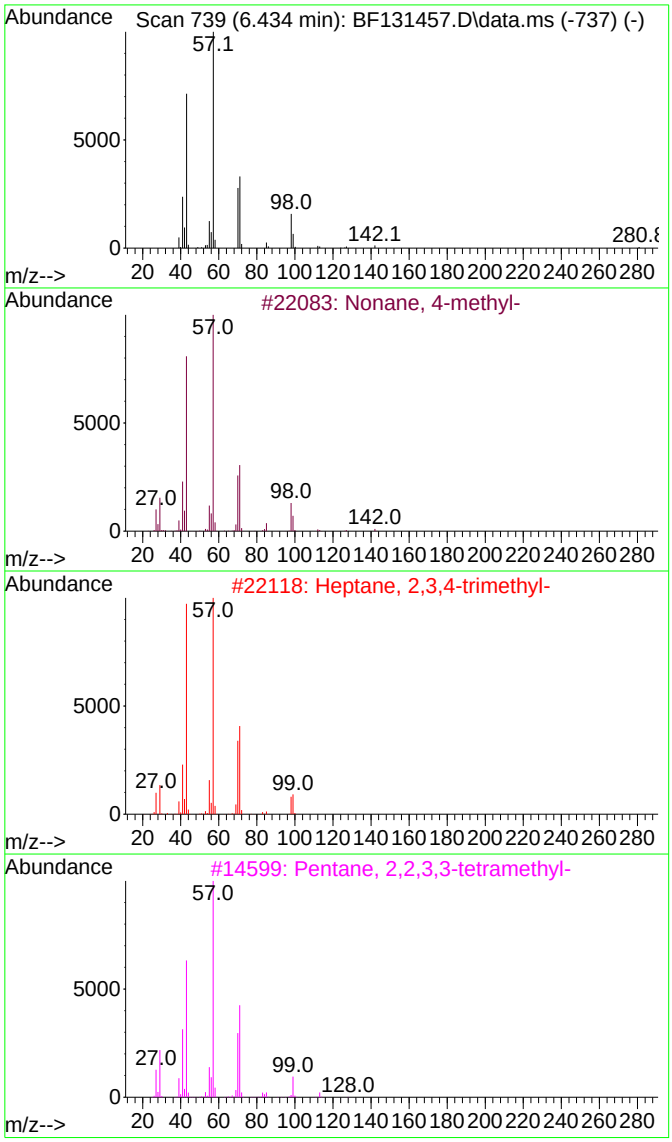
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

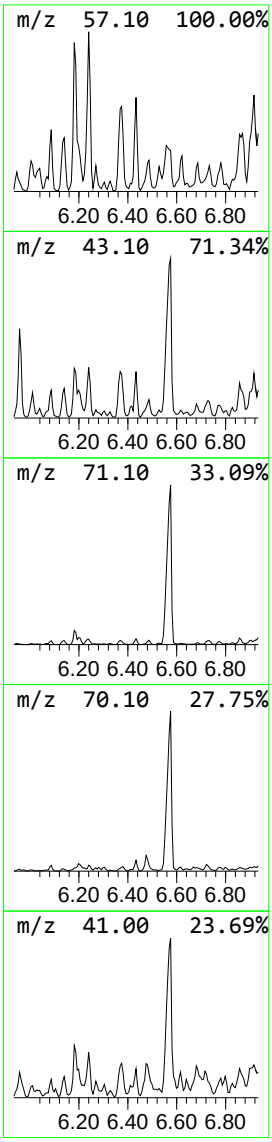
****

Peak Number 8 Nonane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	2.21 ng	134959	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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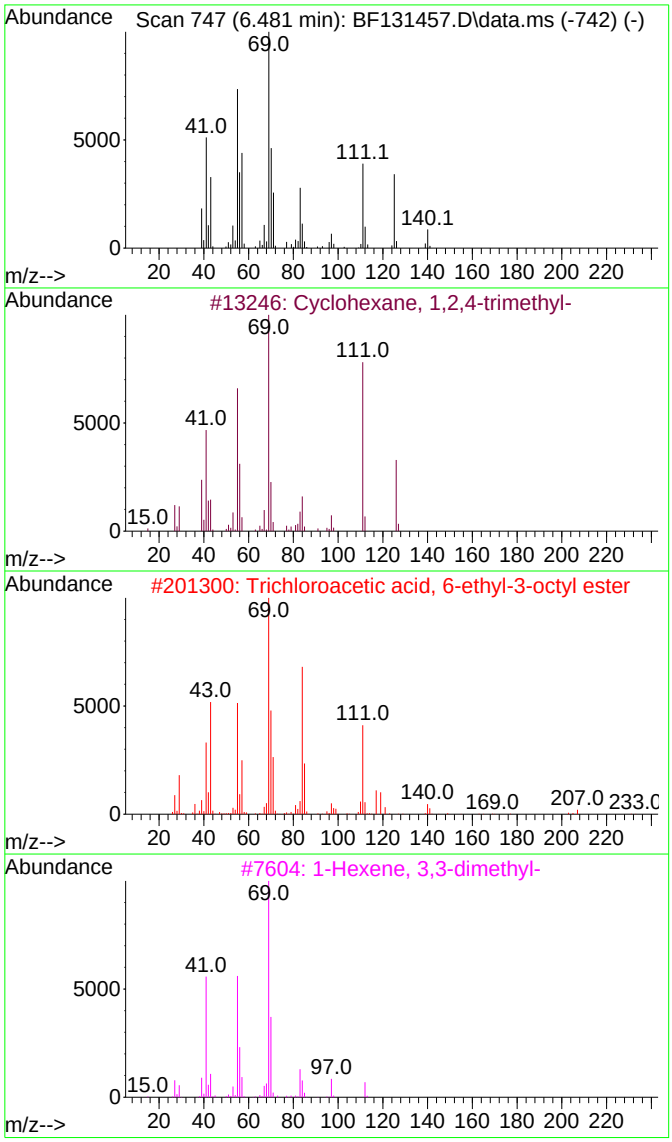
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

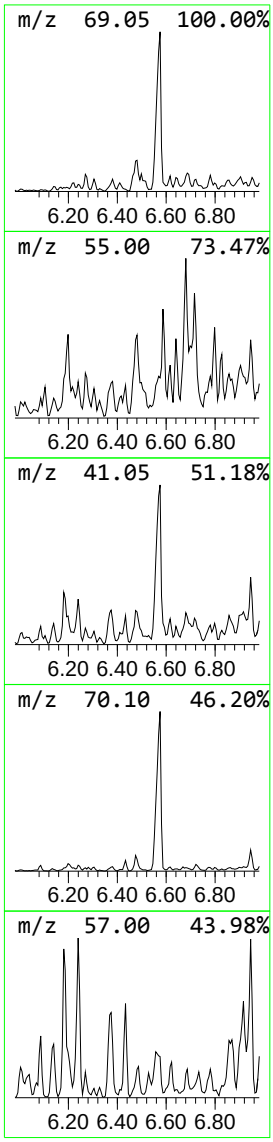
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	6.75 ng	411748	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
2	Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1010282-57-4	53
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	52
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	47
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	46





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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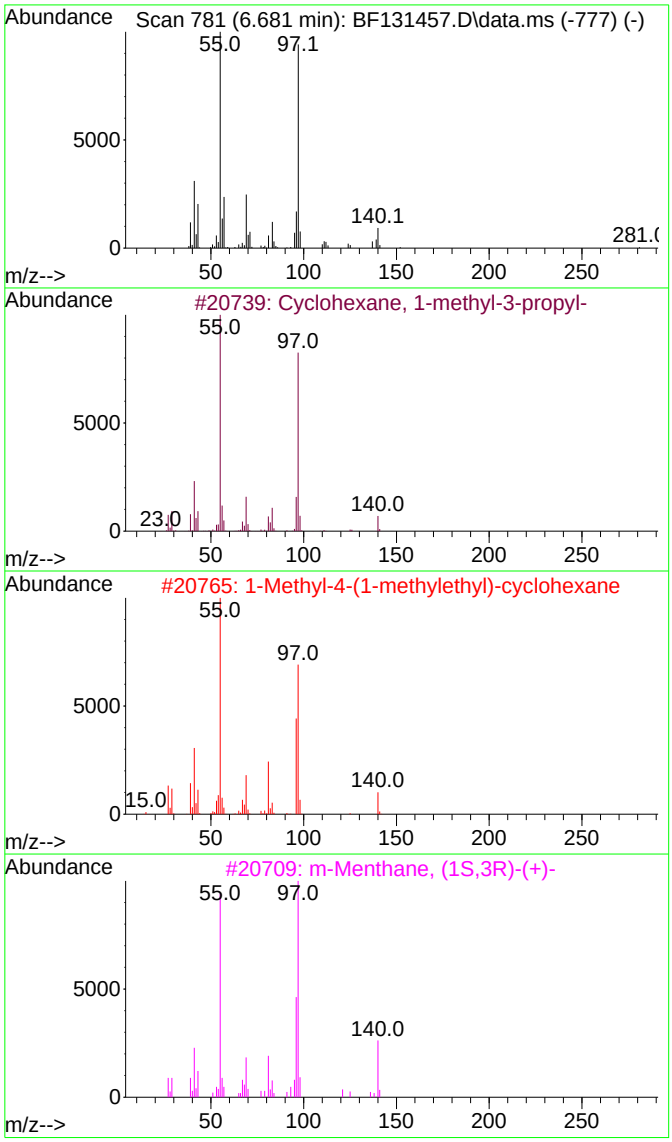
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

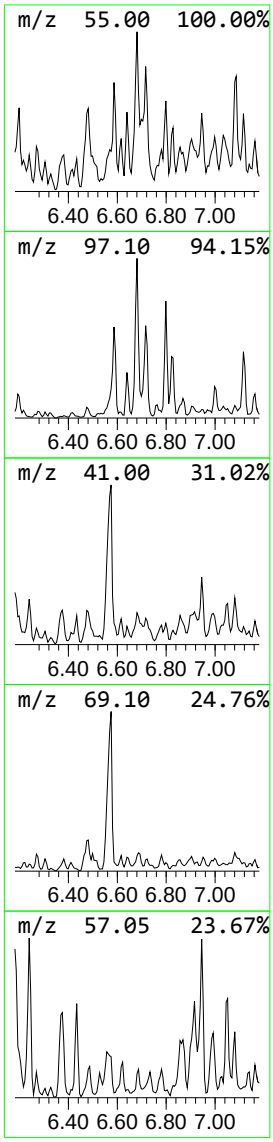
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1-methyl-3-pro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.681	5.82 ng	354867	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	87
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	72
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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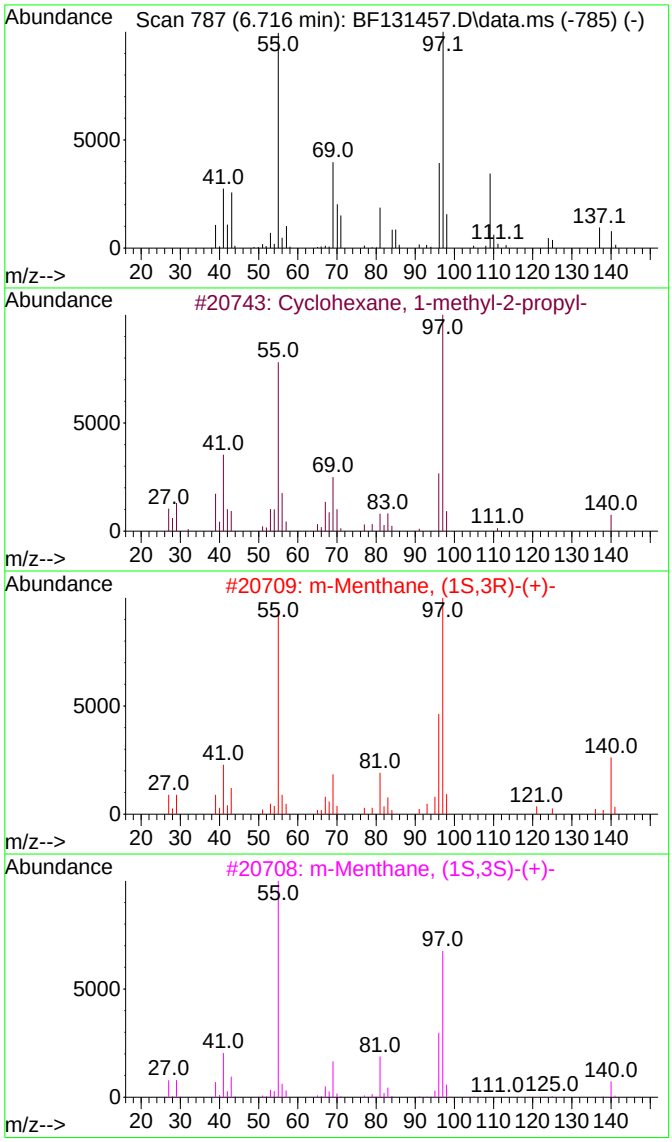
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

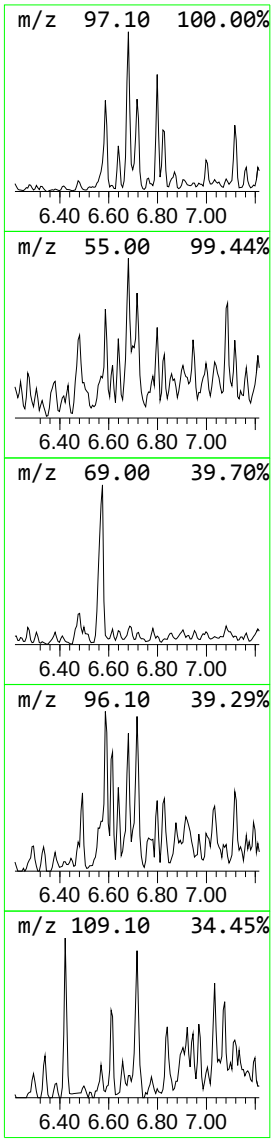
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1-methyl-2-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	3.85 ng	234852	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
2	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	53
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53
4	1-Methyl-3-piperidinamine, N-tri...	210	C8H13F3N2O	1344377-30-5	53
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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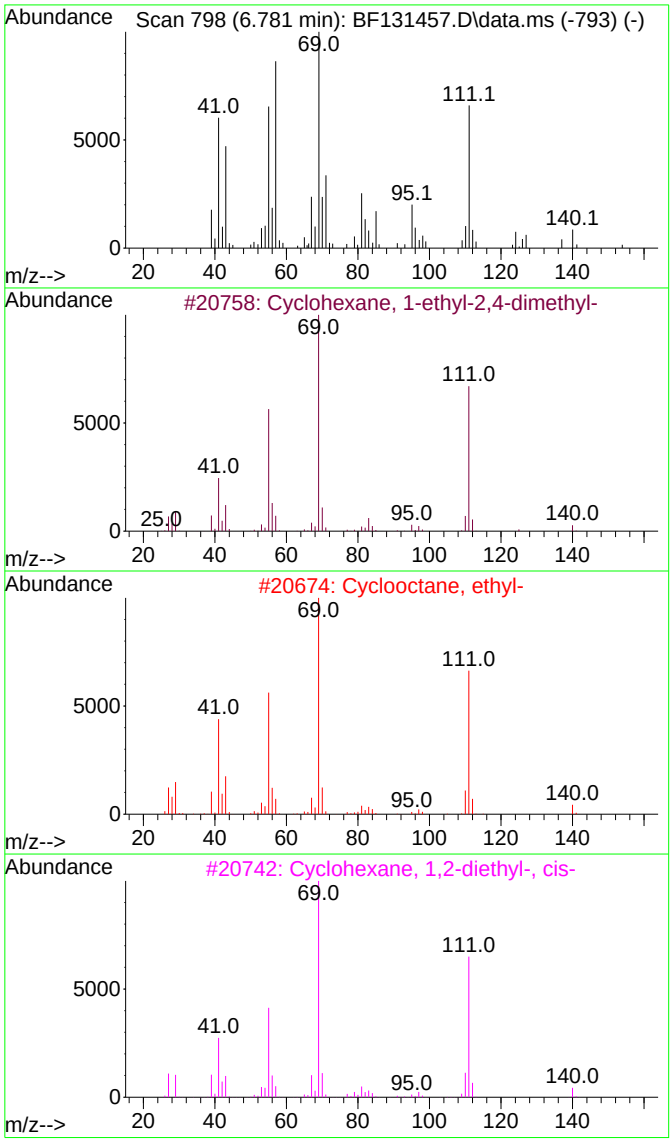
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

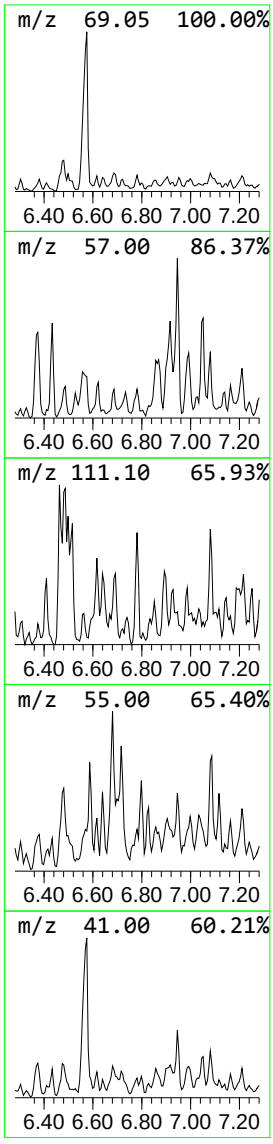
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1-ethyl-2,4-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	2.12 ng	129081	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	60
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	55
3	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	47
4	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	47
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	47





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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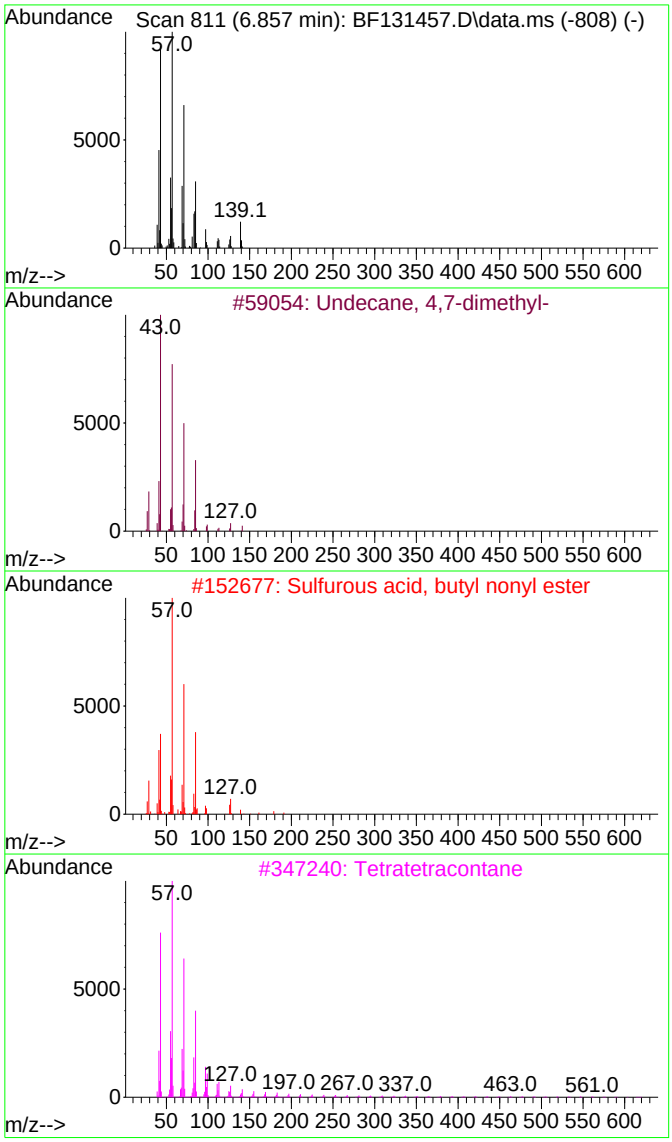
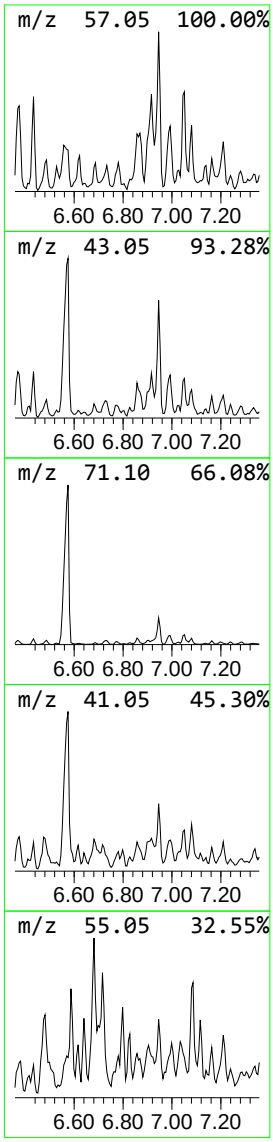
Peak Number 13 Undecane, 4,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.857	4.05 ng	246967	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Tetratetracontane	619	C44H90	007098-22-8	53
4	Octacosane	394	C28H58	000630-02-4	53
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	53





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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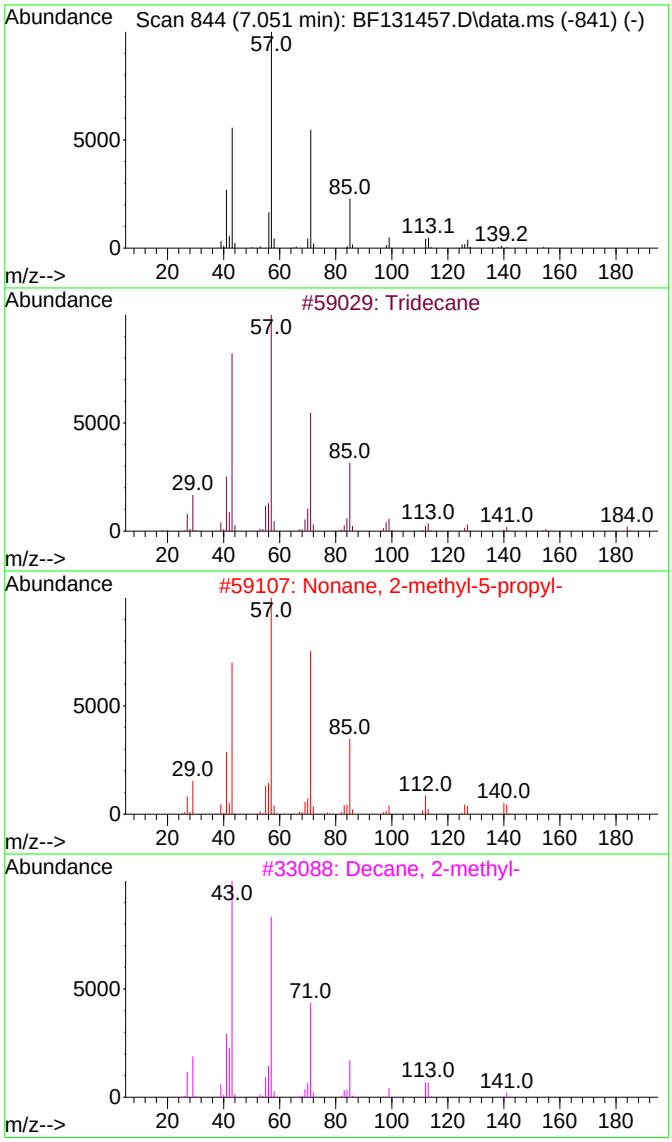
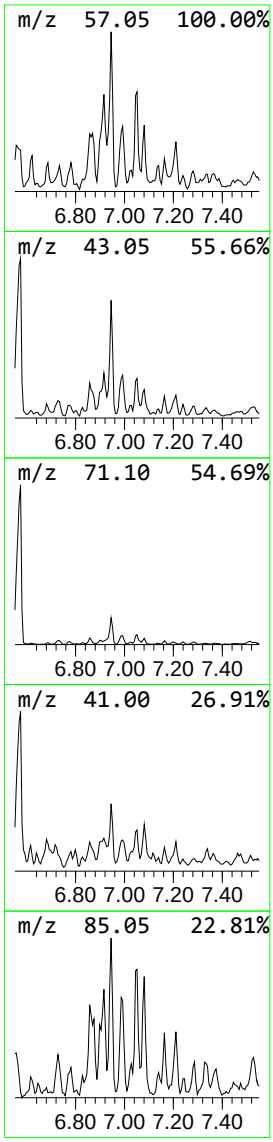
Peak Number 14 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	3.80 ng	231965	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
3	Decane, 2-methyl-	156	C11H24	006975-98-0	78
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	78
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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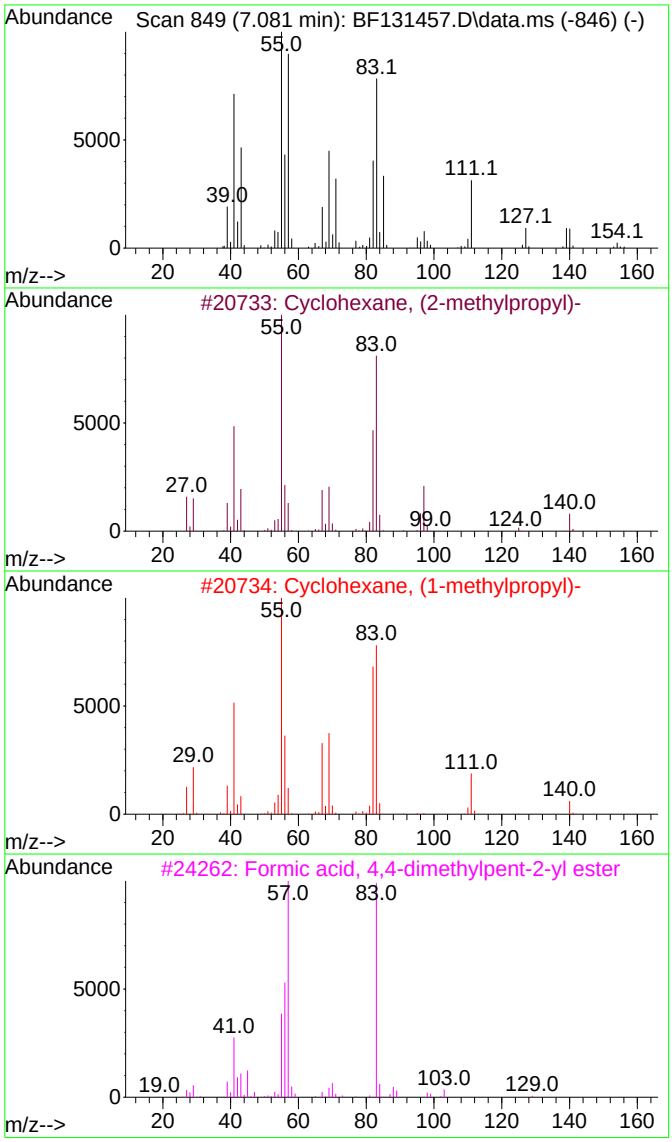
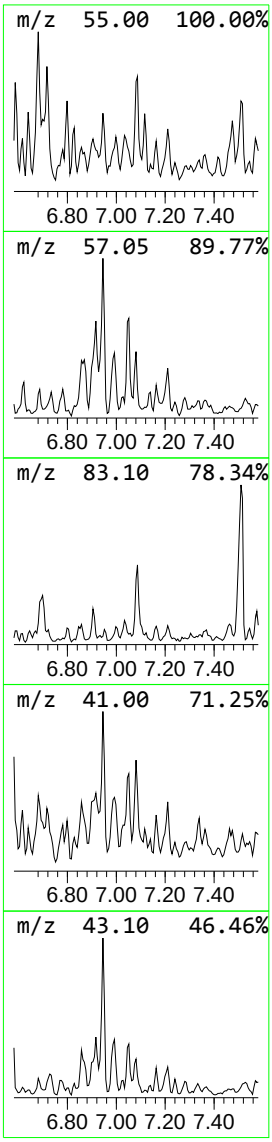
Peak Number 15 unknown7.081 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	4.83 ng	294713	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	43
3	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	38
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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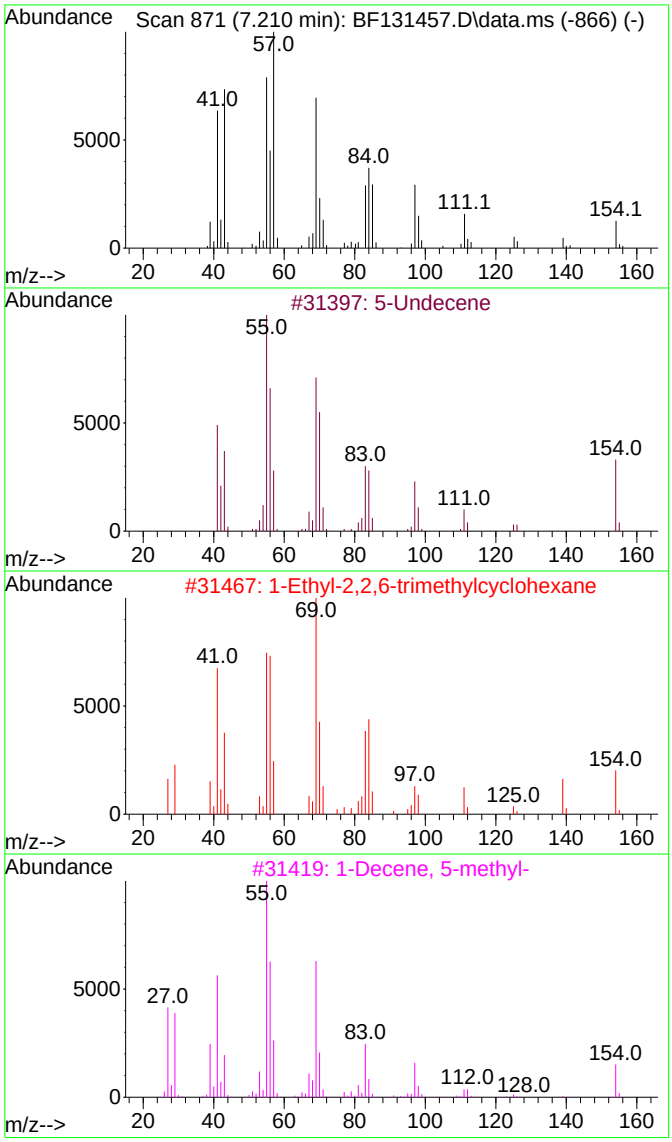
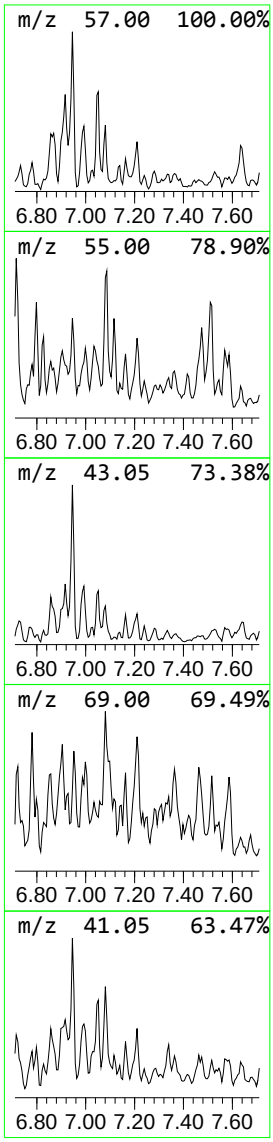
Peak Number 16 5-Undecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	2.81 ng	171557	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	70
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	52
3	1-Decene, 5-methyl-	154	C11H22	054244-79-0	49
4	4-Methyl-dodecan-1-ol	200	C13H28O	086234-17-5	47
5	Cyclopropane, 1-pentyl-2-propyl-	154	C11H22	041977-33-7	46





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ALS Vial : 8 Sample Multiplier: 1

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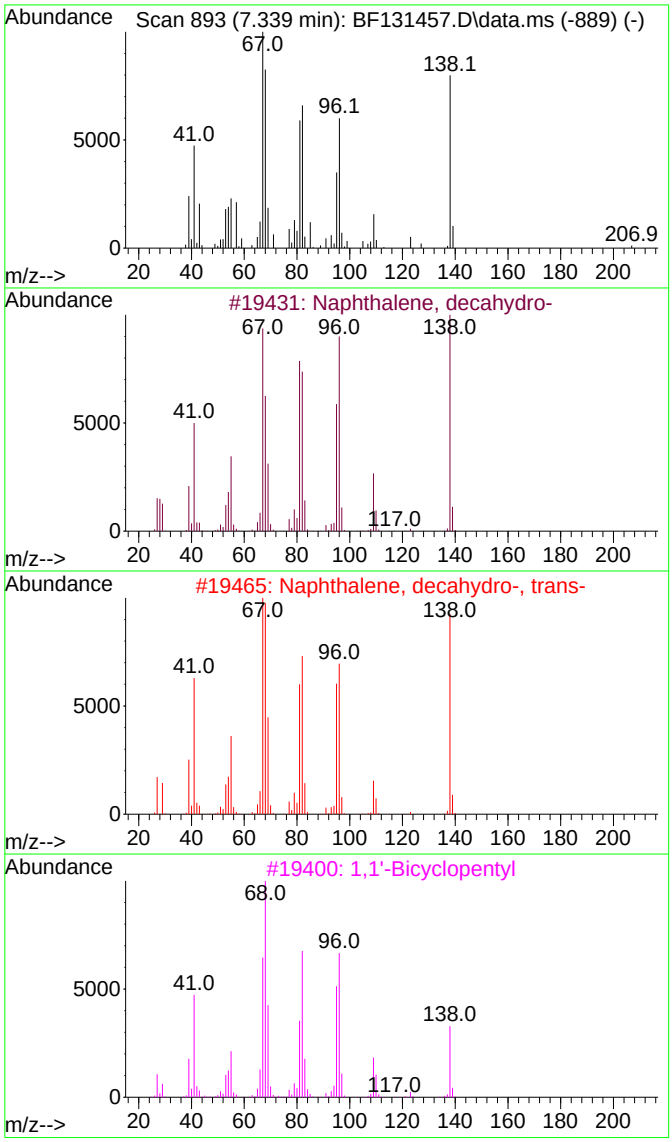
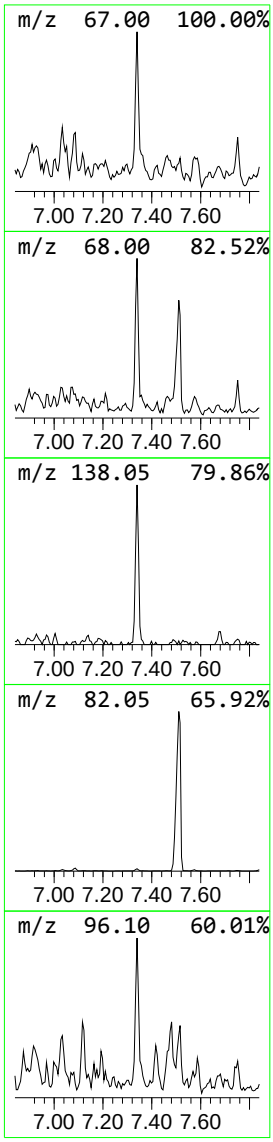
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, decahydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.339	2.67 ng	163031	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	83
4	Spiro[4.5]decane	138	C10H18	000176-63-6	68
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64





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Data File : BF131457.D
Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

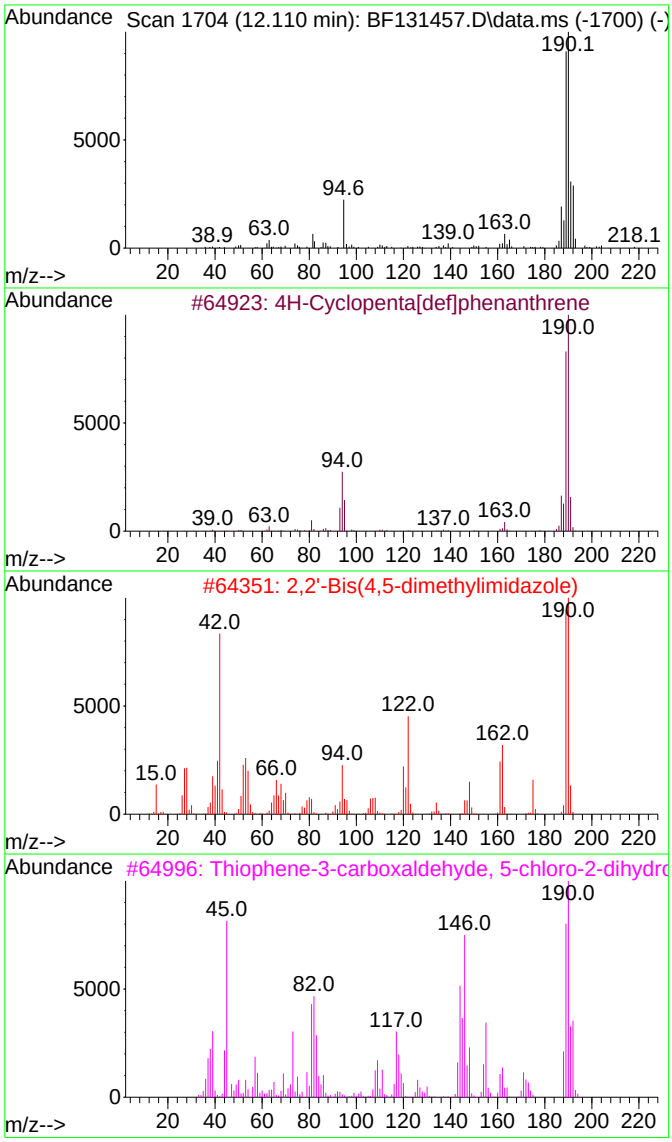
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

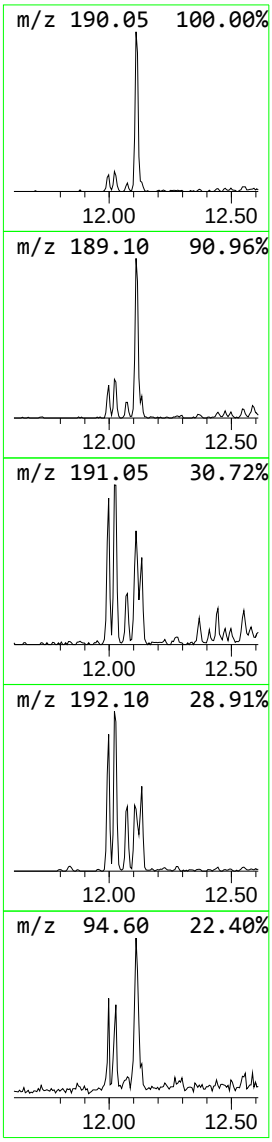
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.12 ng	154576	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	33
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131457.D
Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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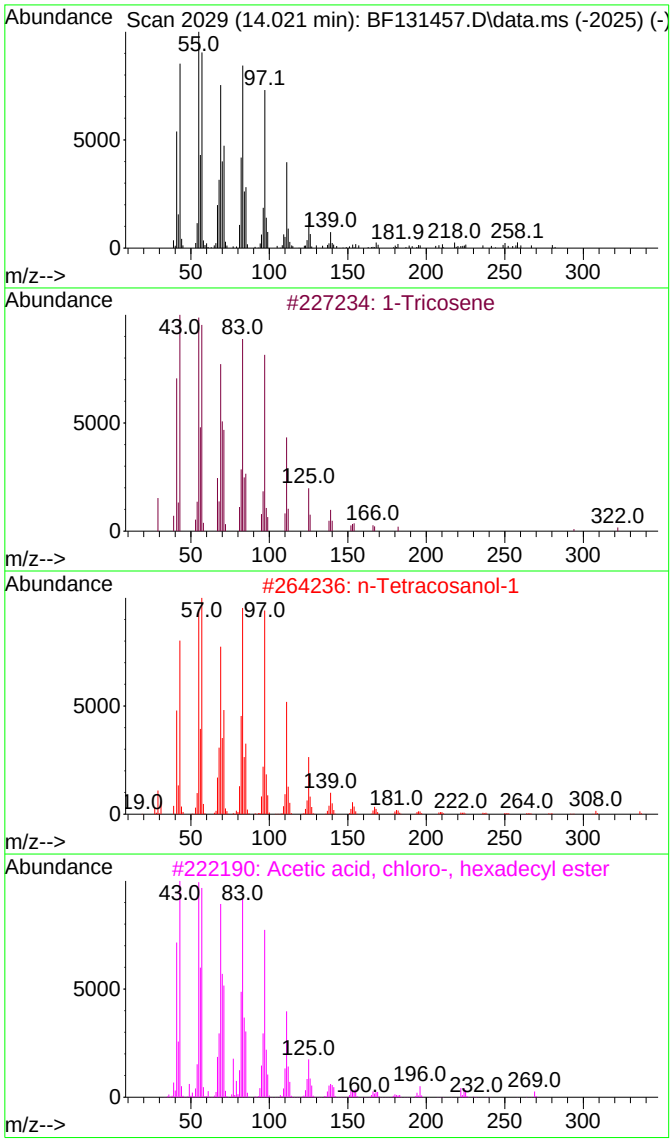
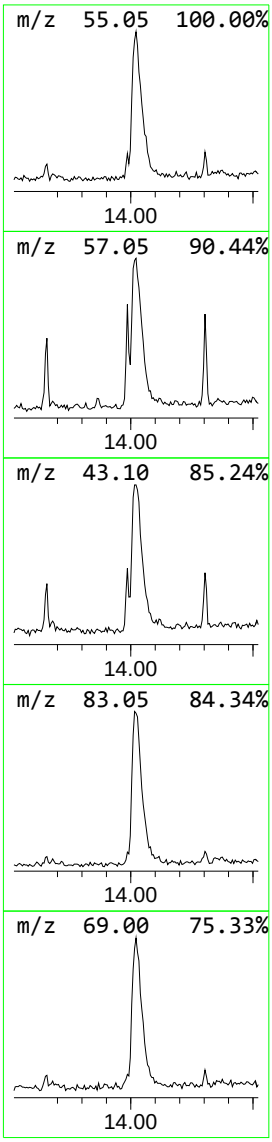
Peak Number 19 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.021	8.32 ng	595540	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131457.D
Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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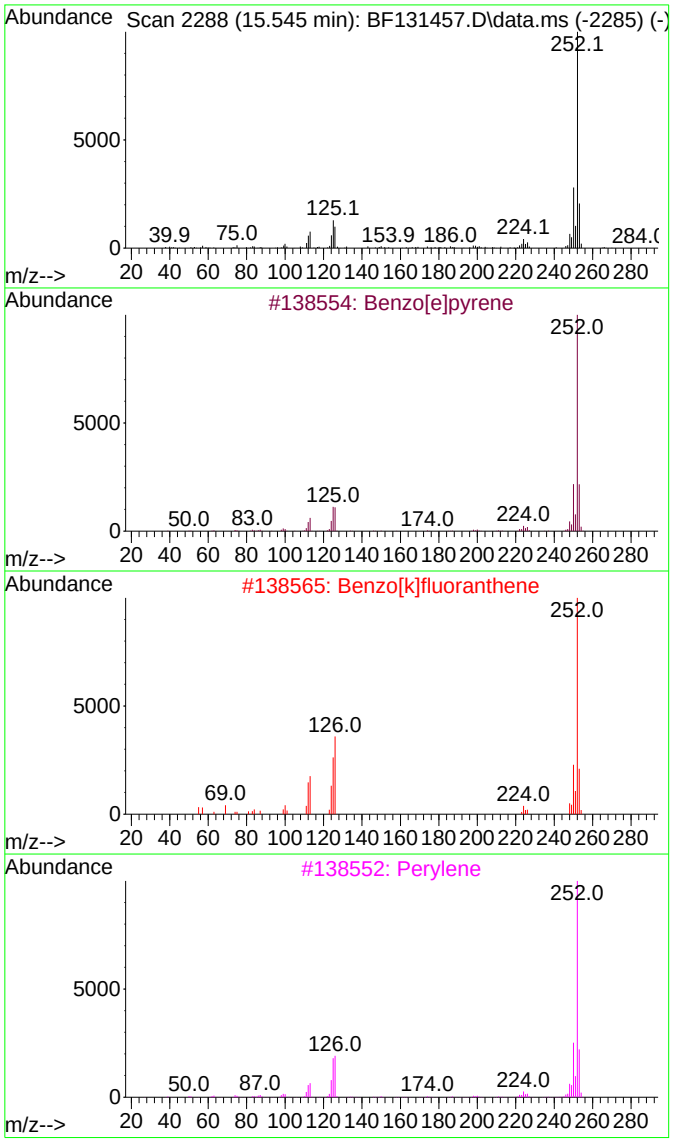
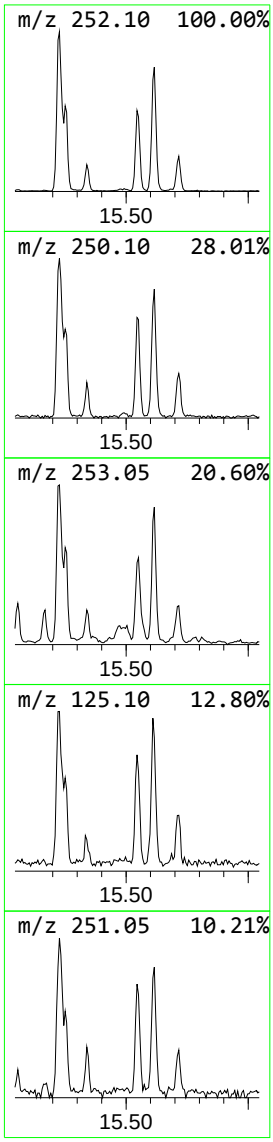
Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	3.96 ng	163838	Perylene-d12	15.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131457.D
Acq On : 29 Nov 2022 15:25
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.310	24.7	ng	1507770	1	6.945	1219660	20.0
Propane, 1,1-di...	2.416	2.0	ng	124005	1	6.945	1219660	20.0
2-Pentanone, 4-...	5.187	38.7	ng	2357830	1	6.945	1219660	20.0
2-Pentanone, 4-...	5.957	4.7	ng	286083	1	6.945	1219660	20.0
Octane, 2,6-dim...	6.181	7.6	ng	461245	1	6.945	1219660	20.0
Heptane, 3-ethy...	6.240	3.6	ng	221355	1	6.945	1219660	20.0
Undecane, 5,6-d...	6.375	4.5	ng	275347	1	6.945	1219660	20.0
Nonane, 4-methyl-	6.434	2.2	ng	134959	1	6.945	1219660	20.0
Cyclohexane, 1,...	6.481	6.8	ng	411748	1	6.945	1219660	20.0
Cyclohexane, 1-...	6.681	5.8	ng	354867	1	6.945	1219660	20.0
Cyclohexane, 1-...	6.716	3.9	ng	234852	1	6.945	1219660	20.0
Cyclohexane, 1-...	6.781	2.1	ng	129081	1	6.945	1219660	20.0
Undecane, 4,7-d...	6.857	4.0	ng	246967	1	6.945	1219660	20.0
Tridecane	7.051	3.8	ng	231965	1	6.945	1219660	20.0
unknown7.081	7.081	4.8	ng	294713	1	6.945	1219660	20.0
5-Undecene	7.210	2.8	ng	171557	1	6.945	1219660	20.0
Naphthalene, de...	7.339	2.7	ng	163031	1	6.945	1219660	20.0
4H-Cyclopenta[d...	12.110	2.1	ng	154576	4	11.498	1455870	20.0
1-Tricosene	14.021	8.3	ng	595540	5	14.151	1431470	20.0
Benzo[e]pyrene	15.545	4.0	ng	163838	6	15.686	826638	20.0