

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143303.D
 Acq On : 04 Aug 2025 18:32
 Operator : RC/JU
 Sample : Q2734-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	7	14	24	rVB	424932	673810	38.37%	3.114%
2	5.181	501	508	519	rVB	134772	196399	11.18%	0.908%
3	5.587	571	577	590	rBV	1053557	1381310	78.66%	6.384%
4	5.887	624	628	638	rVB	48582	66961	3.81%	0.309%
5	5.998	640	647	652	rBV4	18688	37211	2.12%	0.172%
6	6.045	652	655	659	rBV	11963	18587	1.06%	0.086%
7	6.134	663	670	674	rVB3	21827	39618	2.26%	0.183%
8	6.175	674	677	680	rBV	15567	19710	1.12%	0.091%
9	6.222	680	685	691	rBV3	77388	138015	7.86%	0.638%
10	6.281	691	695	698	rVB	23518	27299	1.55%	0.126%
11	6.410	712	717	721	rBV2	64367	101495	5.78%	0.469%
12	6.469	721	727	730	rVV2	76000	120226	6.85%	0.556%
13	6.504	730	733	739	rVV4	94832	160887	9.16%	0.744%
14	6.581	739	746	751	rVV	1053897	1404230	79.96%	6.490%
15	6.710	764	768	772	rBV5	43075	76886	4.38%	0.355%
16	6.798	778	783	791	rVB2	261683	381802	21.74%	1.765%
17	6.892	795	799	803	rVV4	13337	25826	1.47%	0.119%
18	6.963	803	811	817	rVV	547346	775739	44.17%	3.585%
19	7.022	817	821	825	rVB2	32994	41913	2.39%	0.194%
20	7.075	825	830	833	rBV6	18640	34767	1.98%	0.161%
21	7.110	833	836	841	rVB	43277	55211	3.14%	0.255%
22	7.239	853	858	861	rBV	36109	44383	2.53%	0.205%
23	7.275	861	864	866	rVV3	21787	29015	1.65%	0.134%
24	7.298	866	868	873	rVB2	22976	29786	1.70%	0.138%
25	7.351	873	877	882	rBV3	29160	47689	2.72%	0.220%
26	7.516	896	905	909	rBV	675960	914879	52.10%	4.228%
27	7.557	909	912	916	rVV	78397	96461	5.49%	0.446%
28	7.604	916	920	925	rVB5	12034	20849	1.19%	0.096%
29	7.757	938	946	957	rVB6	9047	31033	1.77%	0.143%
30	8.239	1021	1028	1036	rBV	626992	804859	45.83%	3.720%
31	9.310	1205	1210	1221	rBV	1091007	1417920	80.74%	6.553%
32	9.398	1221	1225	1232	rVV2	23721	45700	2.60%	0.211%
33	9.716	1275	1279	1286	rVV4	20312	34182	1.95%	0.158%
34	9.857	1299	1303	1307	rBV	18954	28134	1.60%	0.130%
35	9.922	1310	1314	1318	rBV	34231	44288	2.52%	0.205%
36	9.998	1322	1327	1331	rBV	567698	719629	40.98%	3.326%

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Integrator: RTE

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.192	1357	1360	1365	rVB2	17938	27535	1.57%	0.127%
38	10.422	1393	1399	1403	rBV	51275	77873	4.43%	0.360%
39	10.545	1416	1420	1425	rBV2	19032	31704	1.81%	0.147%
40	10.645	1432	1437	1442	rBV	32772	56374	3.21%	0.261%
41	10.704	1443	1447	1451	rBV	75840	93116	5.30%	0.430%
42	10.780	1455	1460	1466	rBV	560611	738993	42.08%	3.416%
43	10.904	1476	1481	1490	rVB3	75414	154900	8.82%	0.716%
44	11.345	1552	1556	1559	rBV	60947	84948	4.84%	0.393%
45	11.380	1559	1562	1567	rVB	57480	77506	4.41%	0.358%
46	11.486	1575	1580	1582	rBV	517891	758265	43.18%	3.505%
47	11.557	1589	1592	1596	rBV	62414	71844	4.09%	0.332%
48	11.774	1625	1629	1632	rBV2	54102	66875	3.81%	0.309%
49	12.010	1662	1669	1675	rBV2	614710	950580	54.13%	4.393%
50	12.098	1680	1684	1692	rVB	114691	214727	12.23%	0.992%
51	12.180	1695	1698	1702	rVB	42284	51393	2.93%	0.238%
52	12.280	1712	1715	1717	rBV	47413	57642	3.28%	0.266%
53	12.539	1755	1759	1761	rBV	68911	95542	5.44%	0.442%
54	12.568	1762	1764	1770	rVB2	67613	91276	5.20%	0.422%
55	12.698	1781	1786	1798	rBV	1010267	1756066	100.00%	8.116%
56	12.792	1798	1802	1809	rVV	280994	403133	22.96%	1.863%
57	12.927	1818	1825	1831	rBV	839181	1322454	75.31%	6.112%
58	13.068	1844	1849	1856	rVB	1008067	1389418	79.12%	6.422%
59	13.257	1878	1881	1885	rVB	131397	159098	9.06%	0.735%
60	14.121	2023	2028	2032	rBV2	799236	1417567	80.72%	6.552%
61	15.192	2206	2210	2218	rVB	322908	706146	40.21%	3.264%
62	15.639	2283	2286	2298	rVB2	314074	694450	39.55%	3.210%

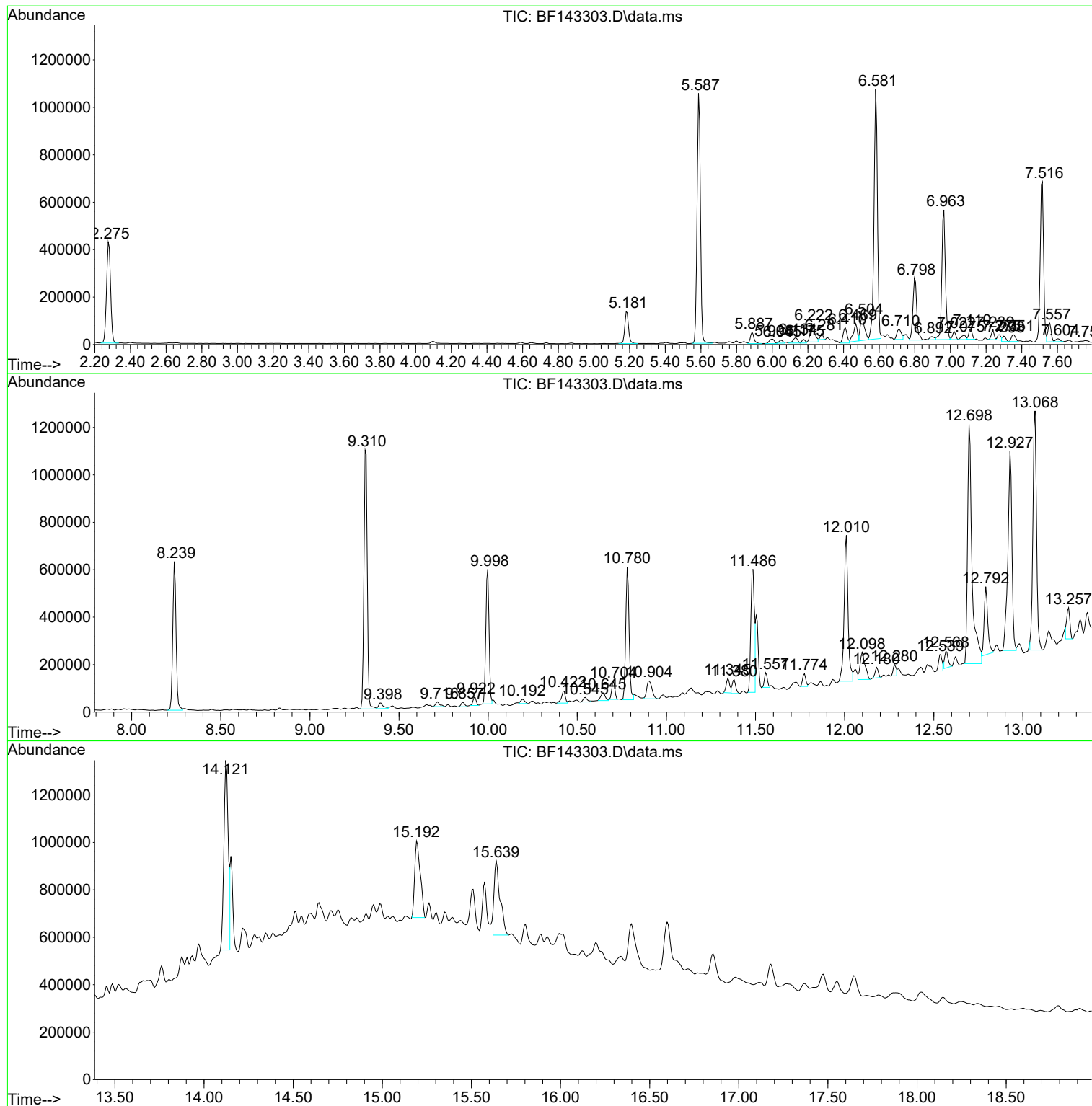
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253

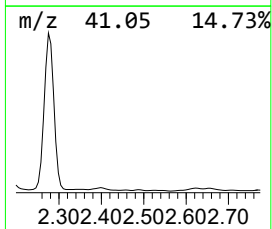
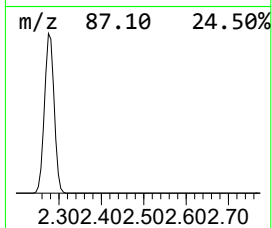
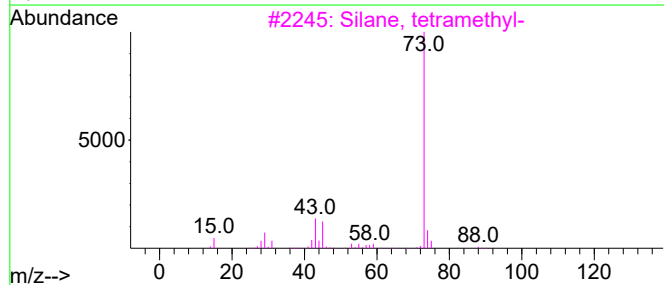
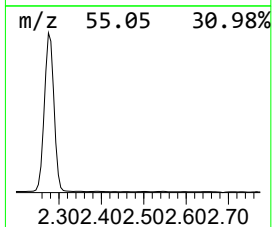
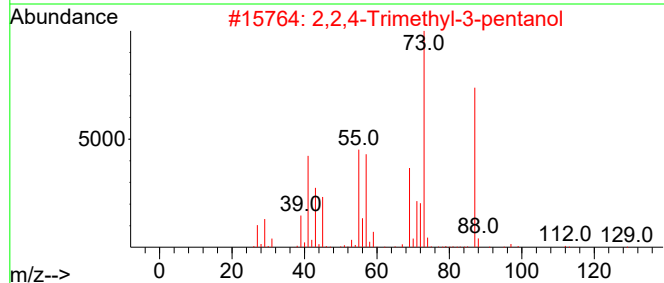
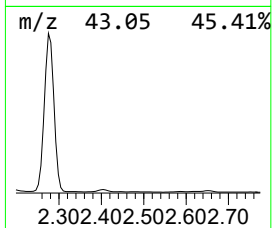
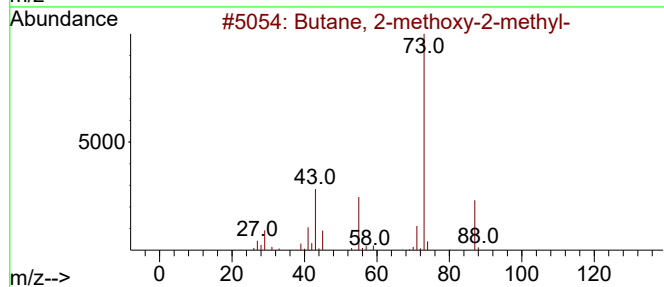
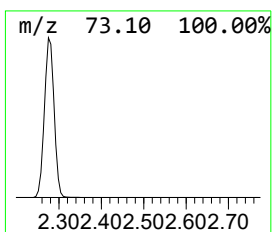
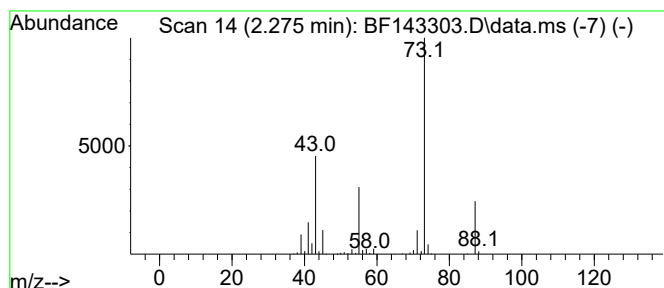
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.275	17.37 ng	673810	1,4-Dichlorobenzene-d4	6.963

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	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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Misc :
ALS Vial : 15 Sample Multiplier: 1

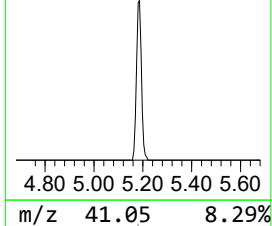
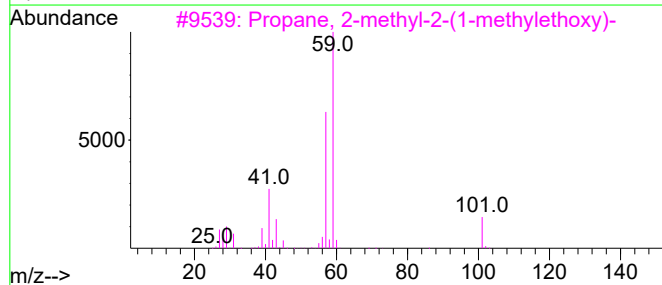
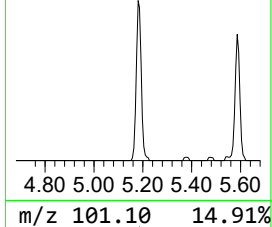
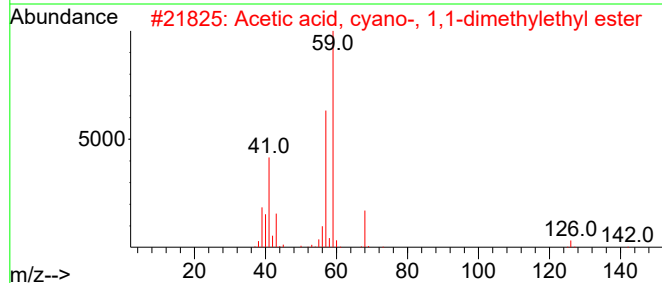
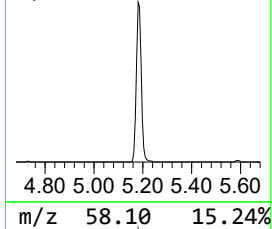
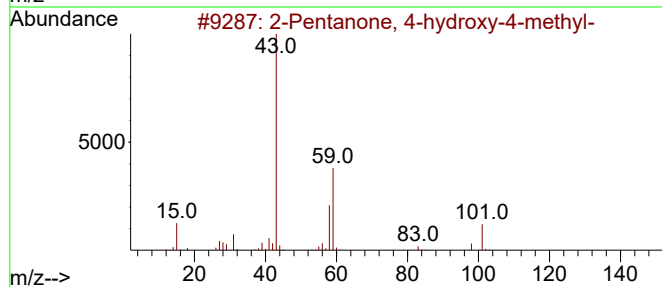
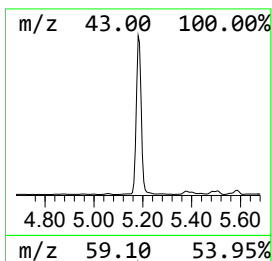
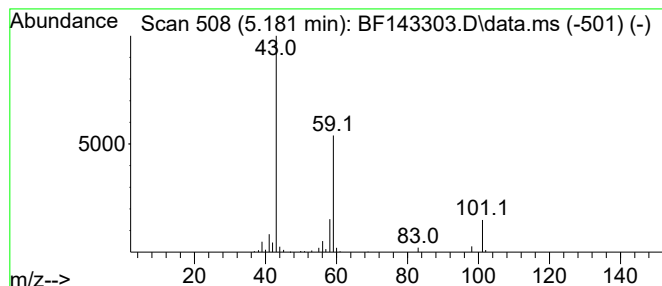
Instrument :
BNA_F
ClientSampleId :
VNJ-253

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.	
5.181	5.06 ng	196399	1,4-Dichlorobenzene-d4			6.963	
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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10



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ALS Vial : 15 Sample Multiplier: 1

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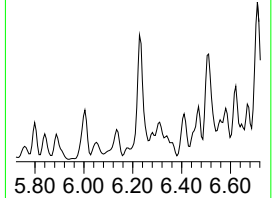
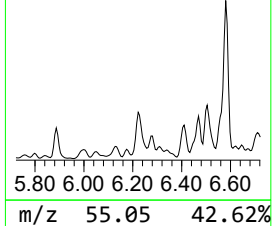
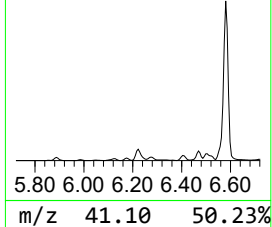
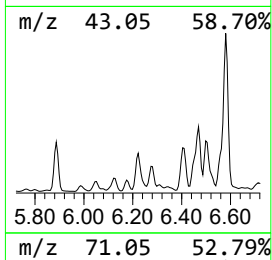
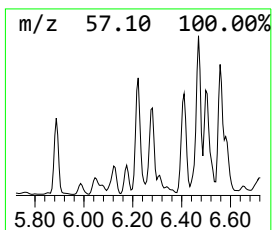
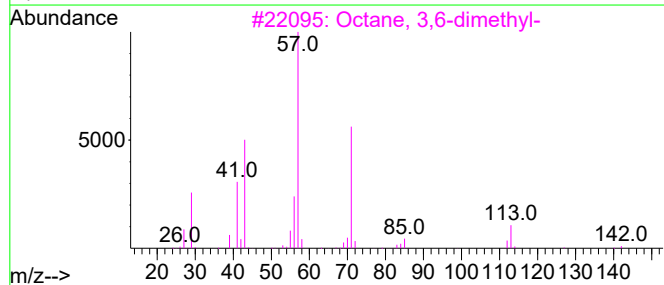
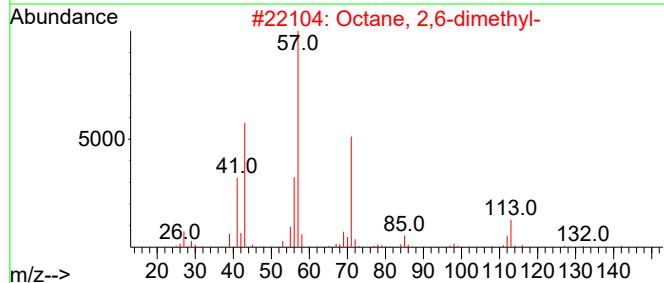
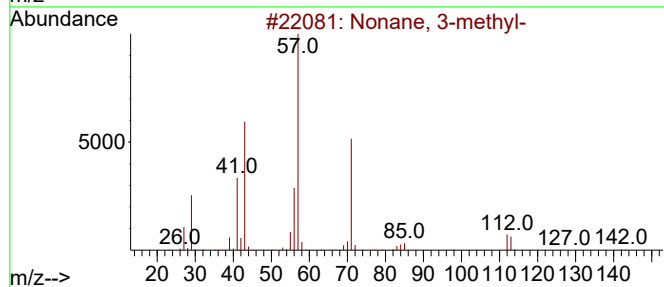
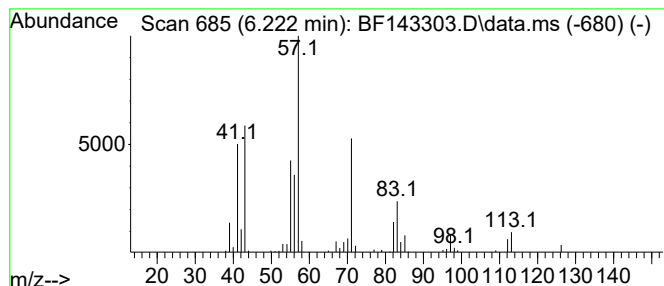
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.222	3.56 ng	138015	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50



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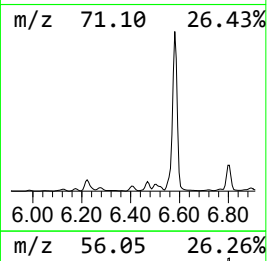
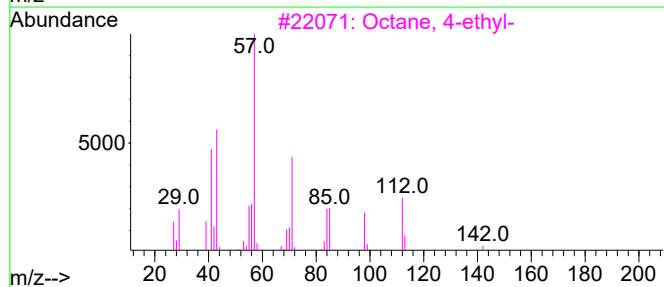
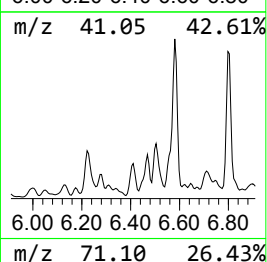
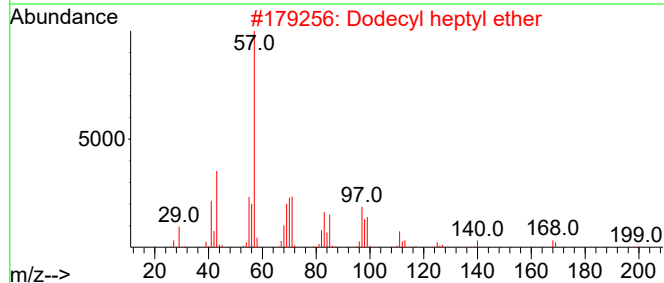
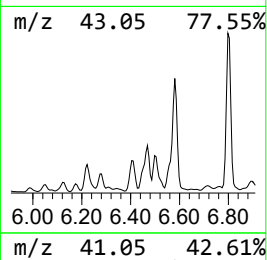
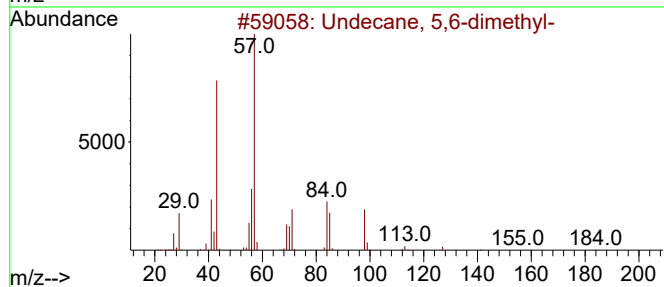
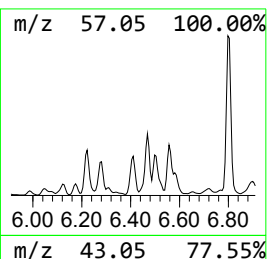
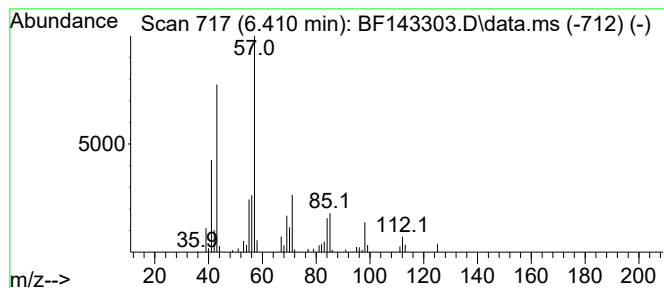
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	2.62 ng	101495	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2			Dodecyl heptyl ether	284	C19H40O	1010406-39-2	72
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	59
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



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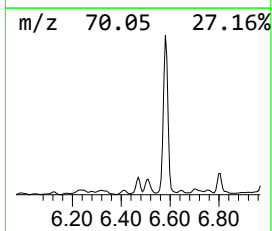
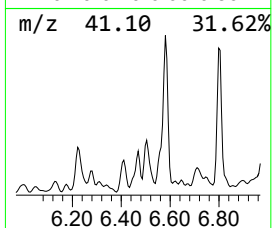
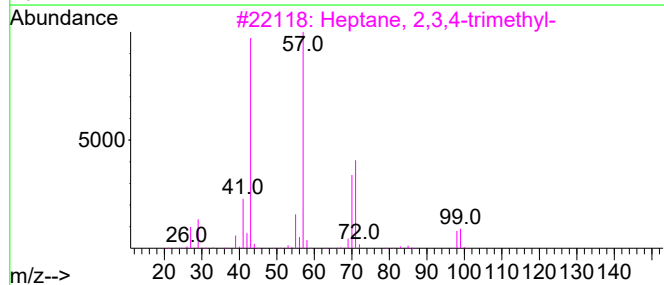
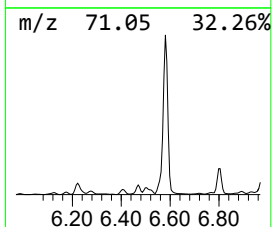
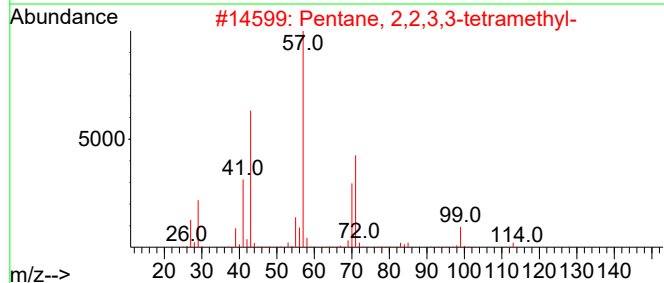
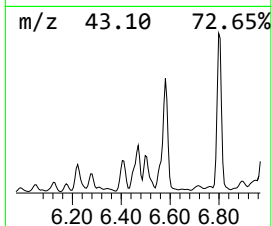
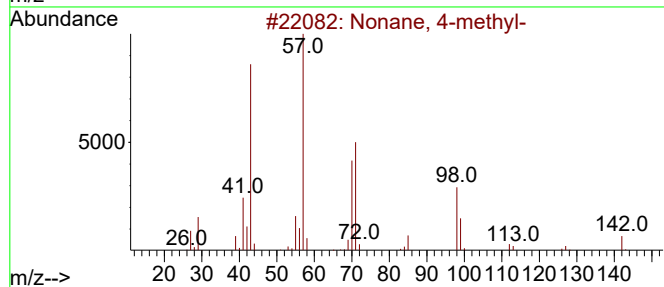
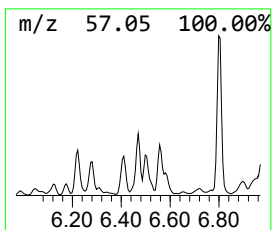
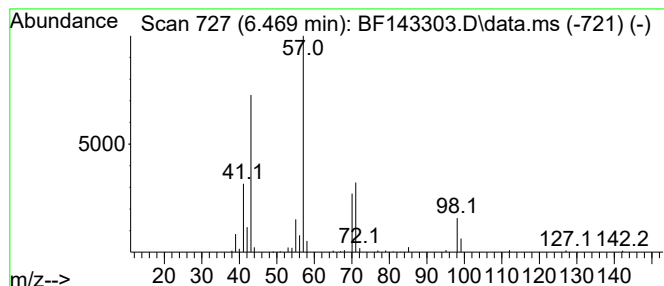
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	3.10 ng	120226	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	83
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	56
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253

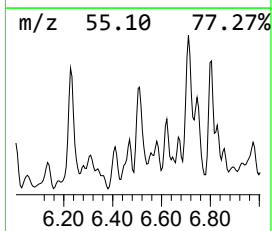
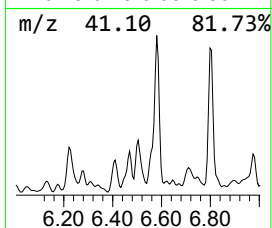
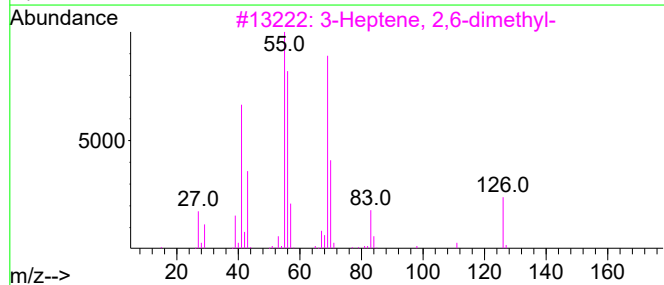
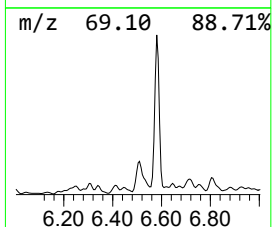
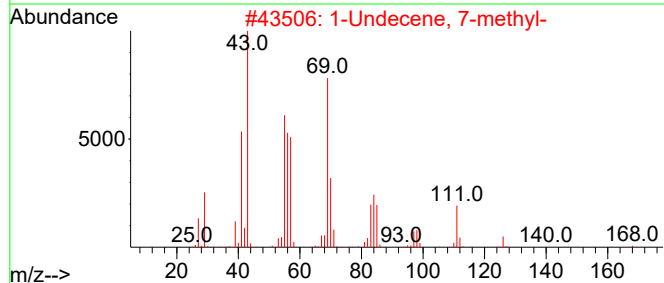
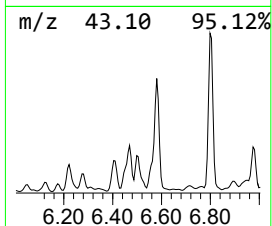
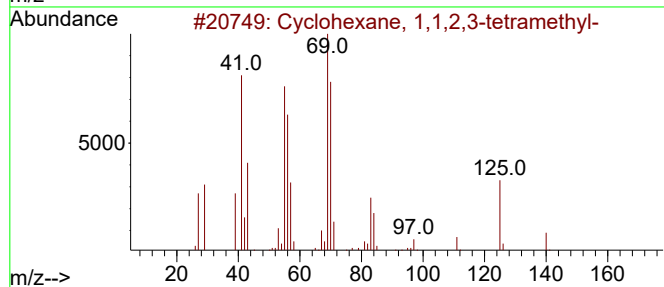
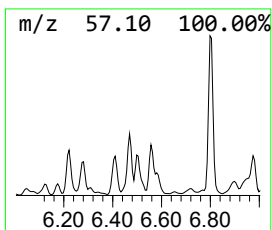
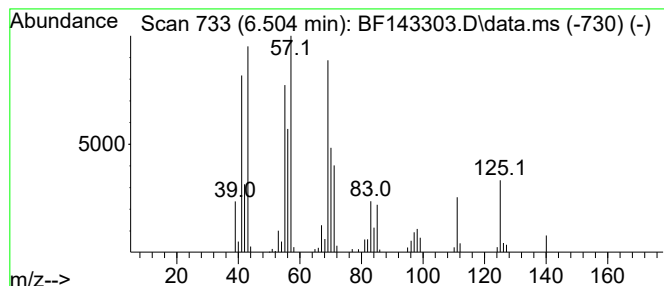
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.504	4.15 ng	160887	1,4-Dichlorobenzene-d4	6.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2		1-Undecene, 7-methyl-	168	C12H24	074630-42-5	52
3		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	49
4		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	49
5		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253

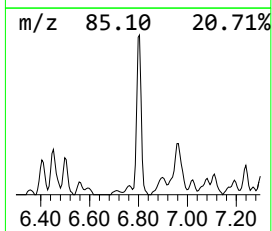
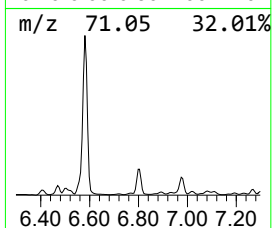
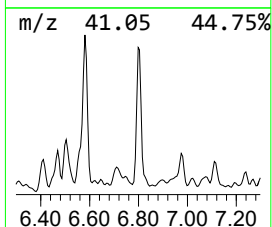
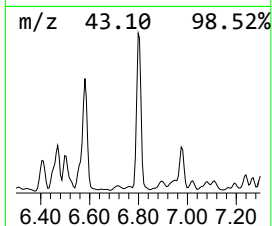
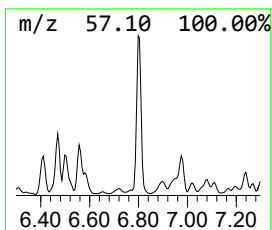
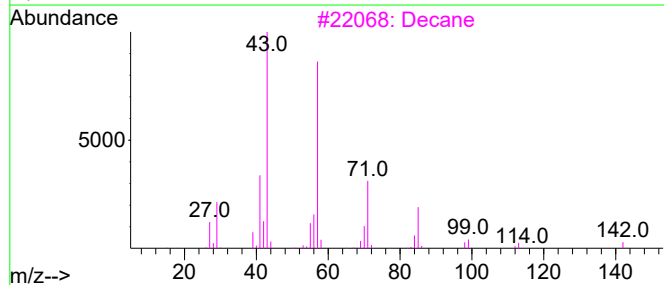
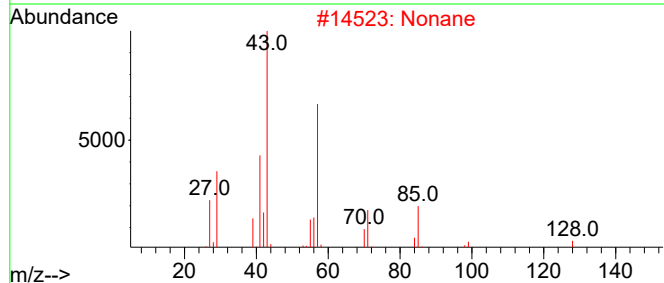
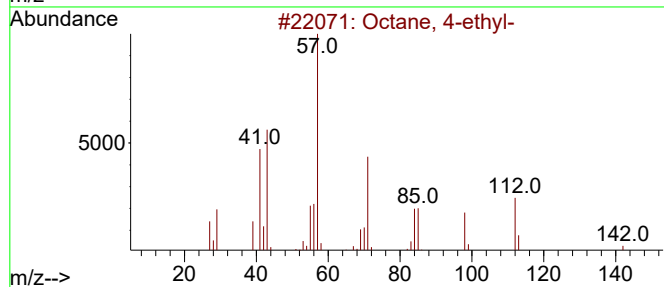
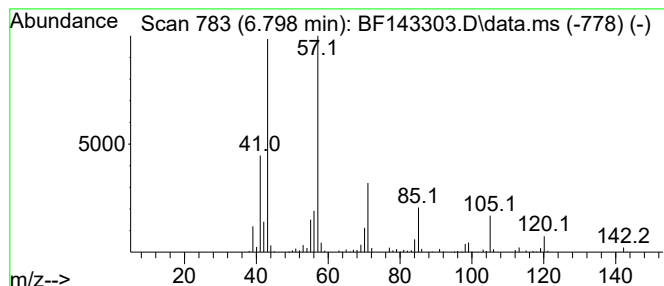
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.798	9.84 ng	381802	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-ethyl-	142	C10H22	015869-86-0	74
2			Nonane	128	C9H20	000111-84-2	72
3			Decane	142	C10H22	000124-18-5	70
4			Undecane	156	C11H24	001120-21-4	64
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253

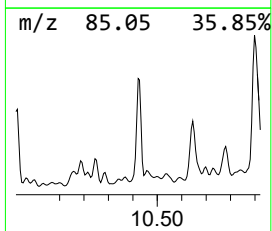
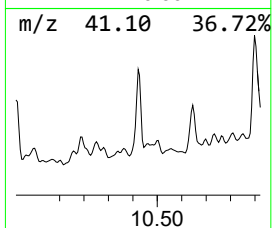
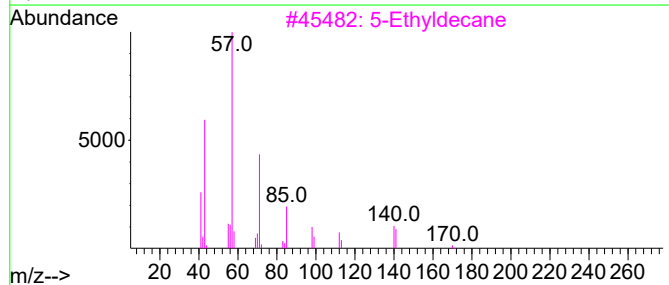
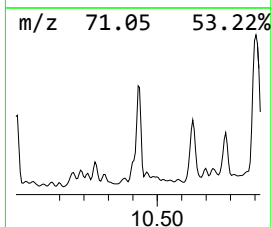
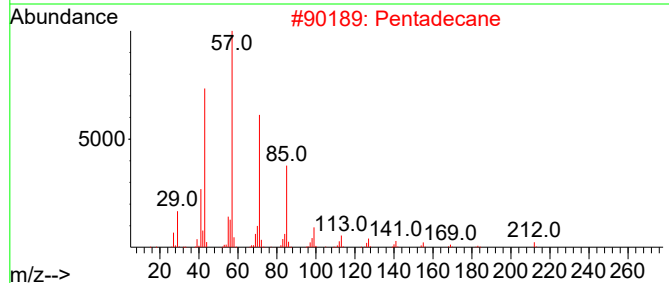
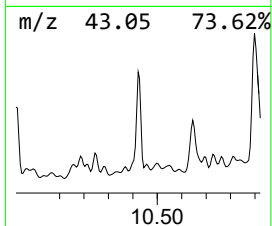
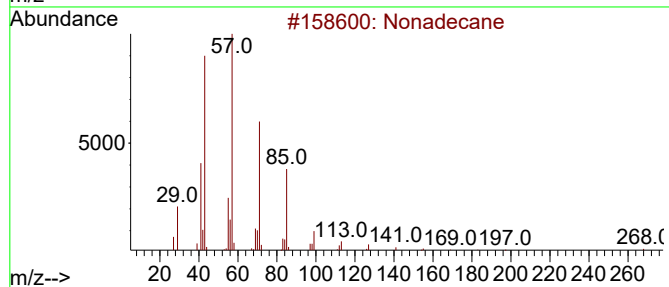
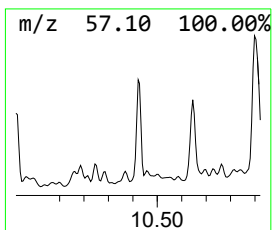
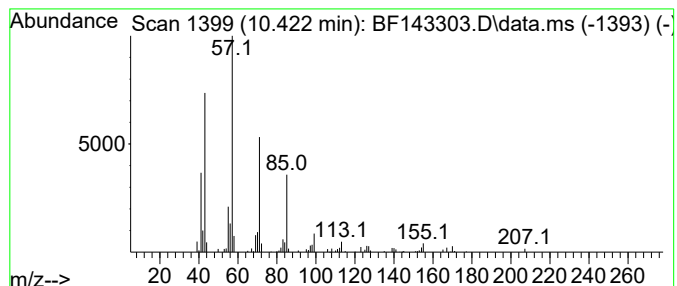
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	2.16 ng	77873	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			5-Ethyldecane	170	C12H26	017302-36-2	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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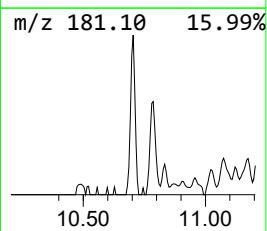
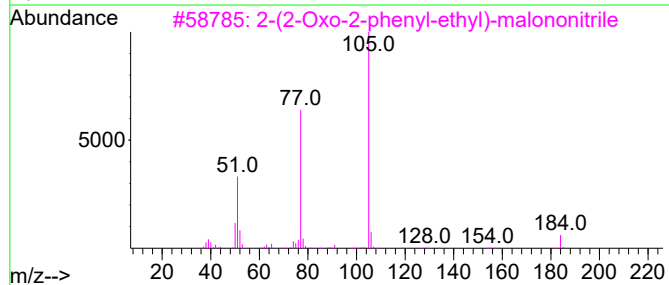
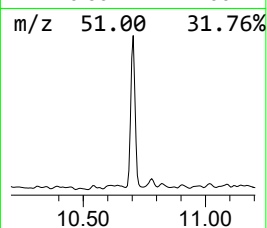
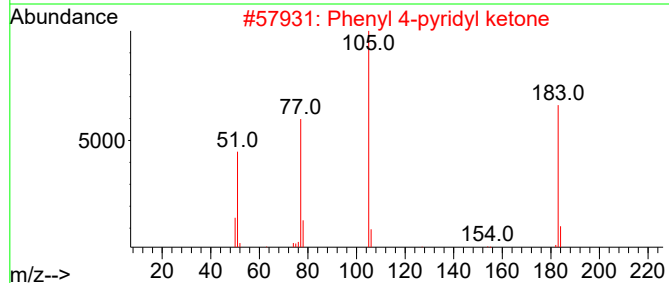
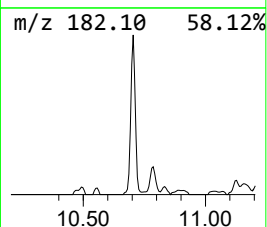
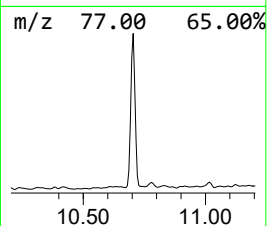
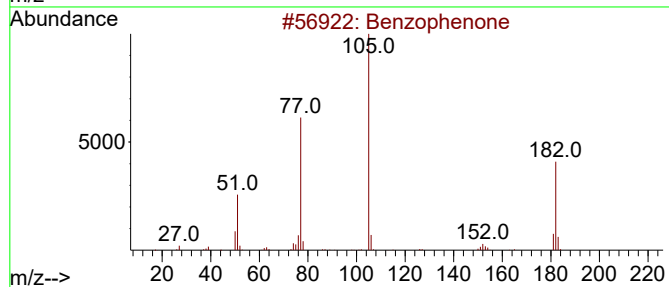
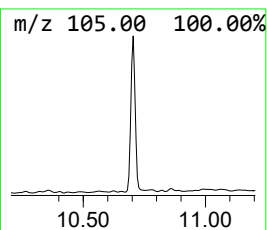
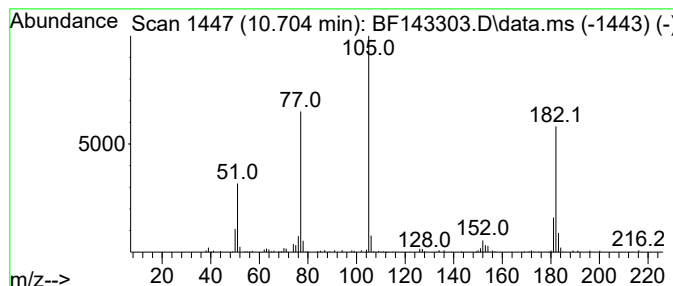
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	2.59 ng	93116	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5			2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253

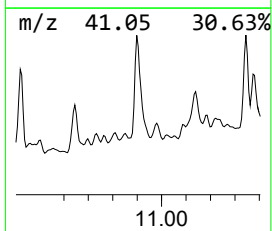
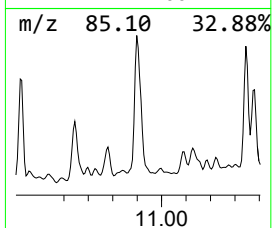
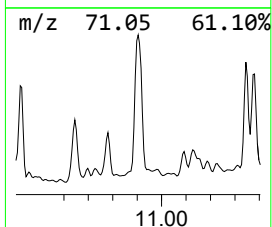
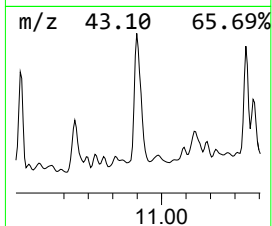
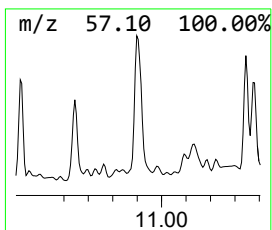
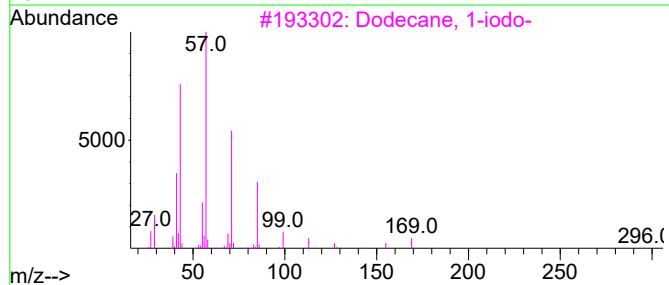
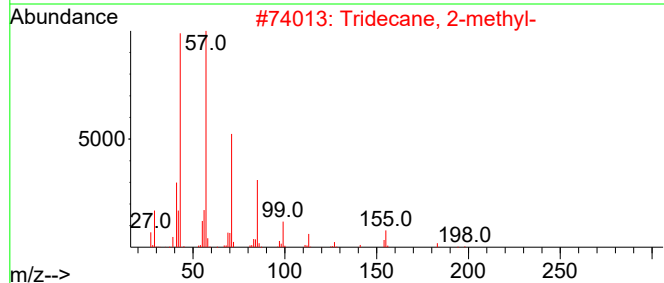
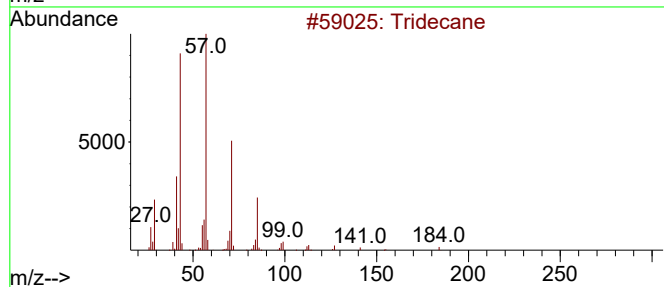
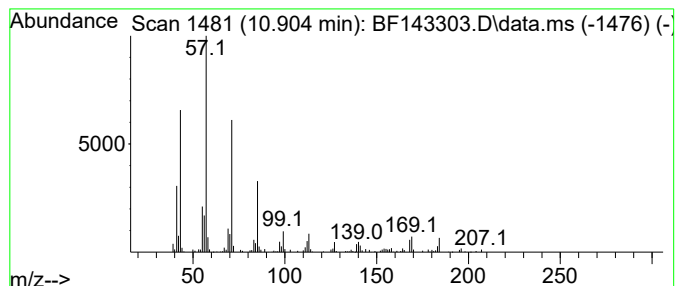
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	4.09 ng	154900	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	83
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	80
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
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ALS Vial : 15 Sample Multiplier: 1

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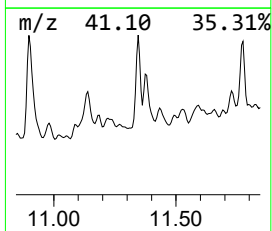
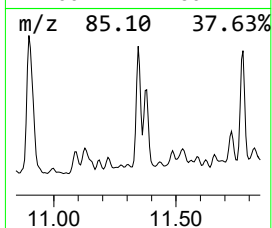
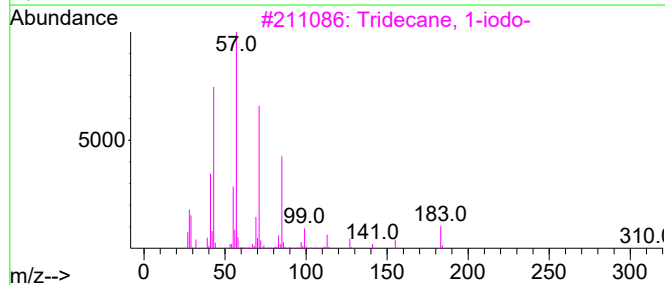
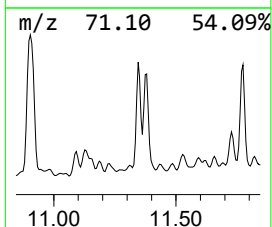
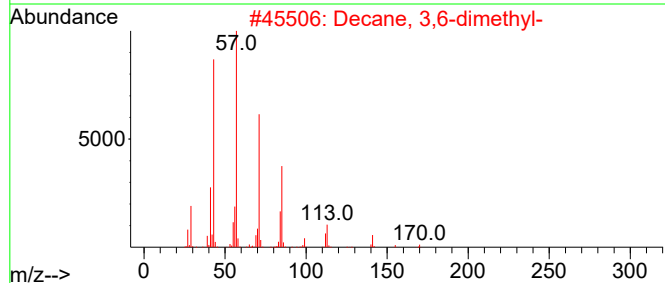
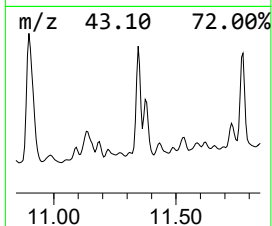
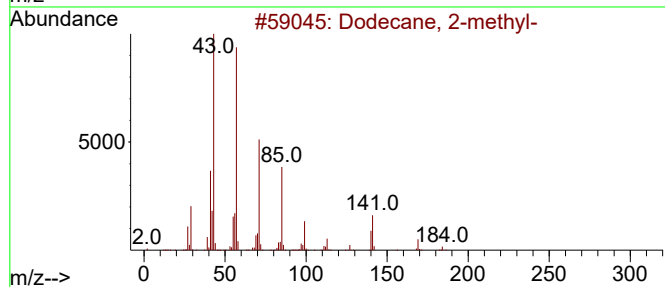
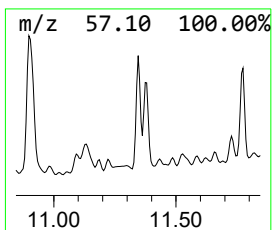
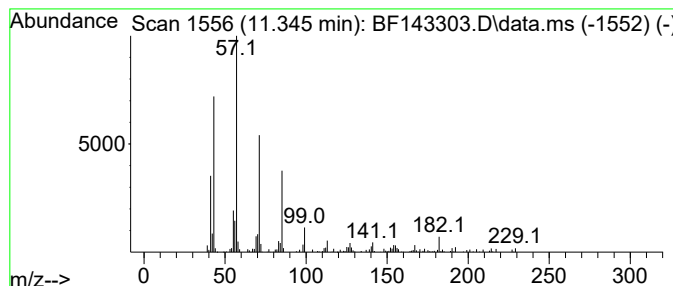
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	2.24 ng	84948	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4			Tridecane	184	C13H28	000629-50-5	74
5			Nonadecane	268	C19H40	000629-92-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
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Operator : RC/JU
Sample : Q2734-01 2X
Misc :
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Instrument :
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ClientSampleId :
VNJ-253

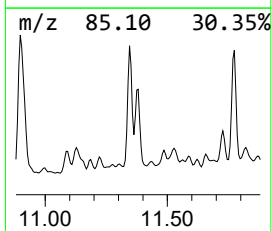
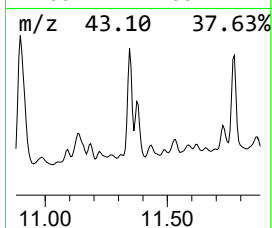
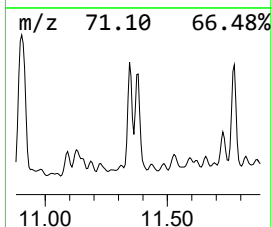
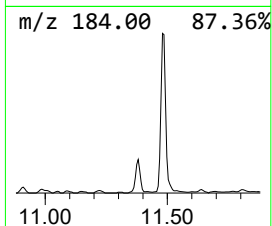
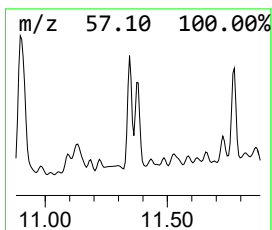
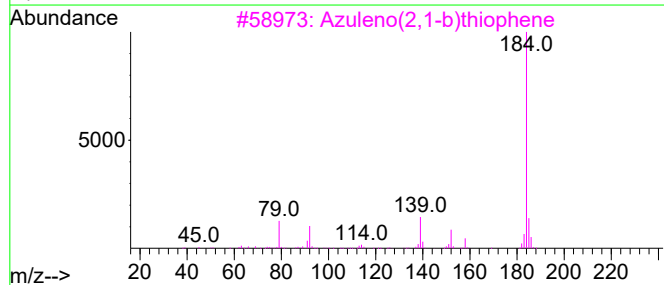
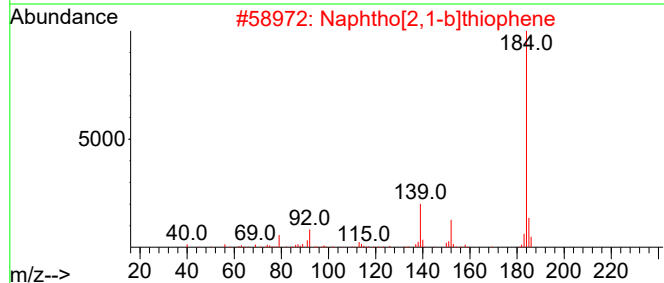
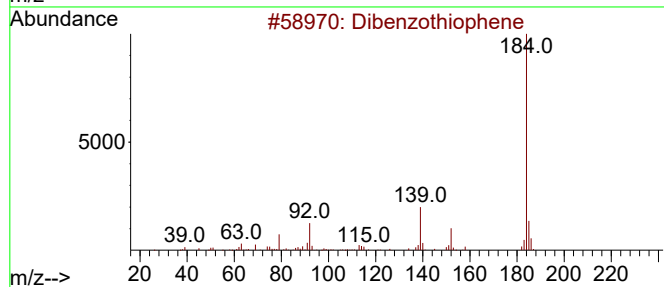
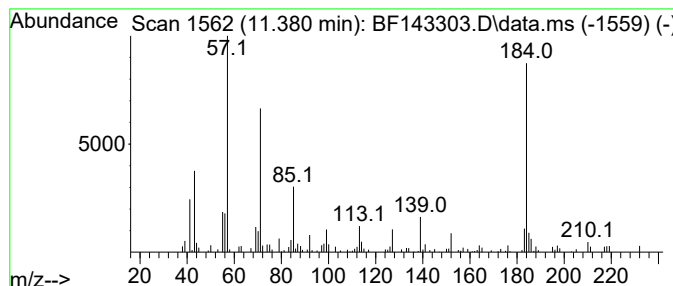
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.380 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	2.04 ng	77506	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	49
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	49
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	46
4			1H-Pyrazolo[3,4-b]quinolin-3-amine	184	C10H8N4	1000319-54-1	43
5			2,2'-Bipyridine, 4,4'-dimethyl-	184	C12H12N2	001134-35-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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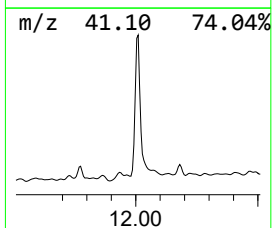
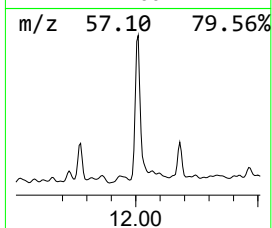
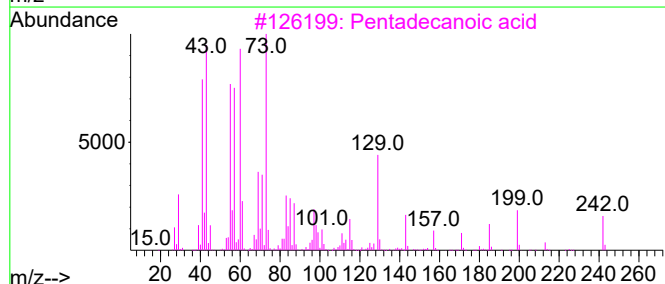
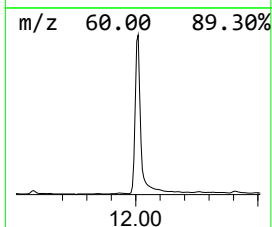
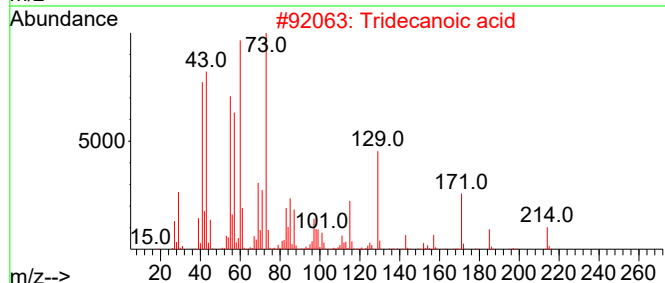
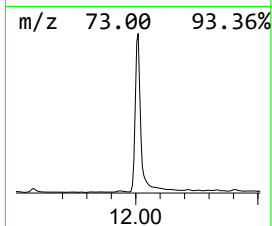
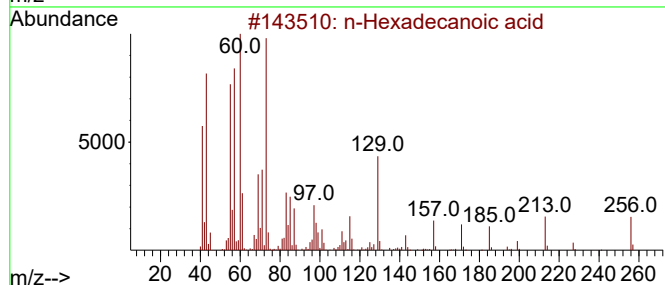
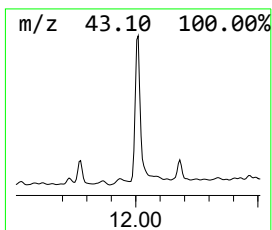
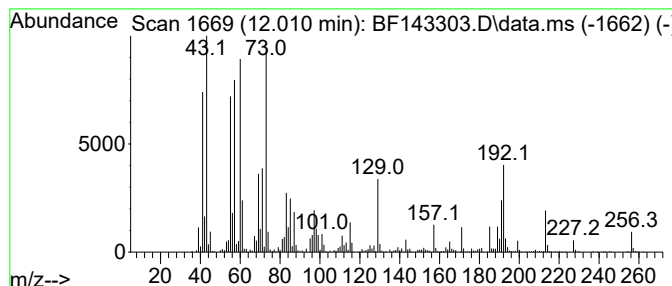
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	25.07 ng	950580	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	78
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

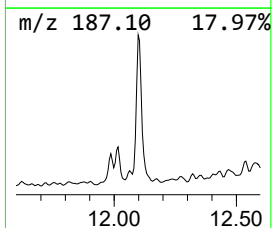
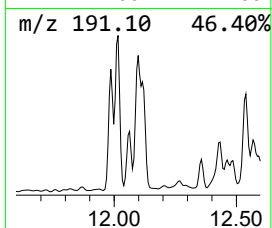
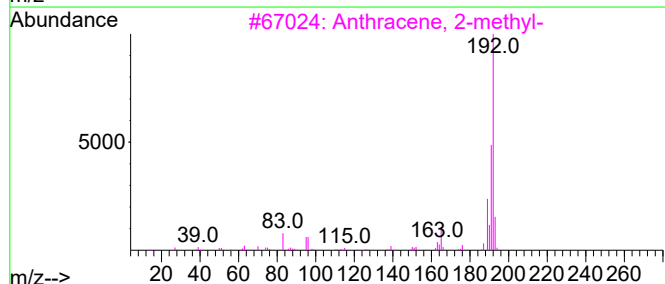
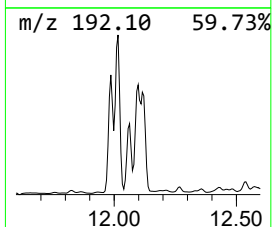
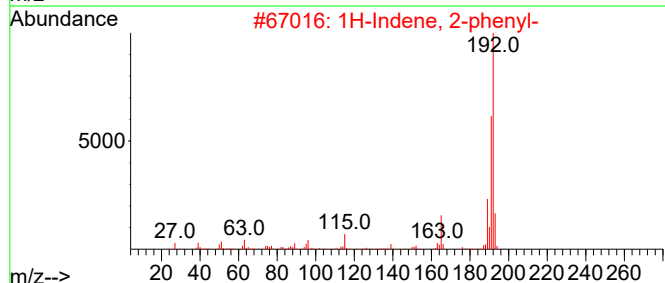
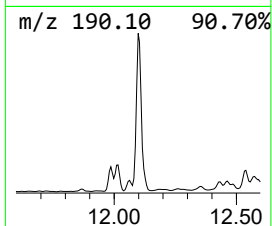
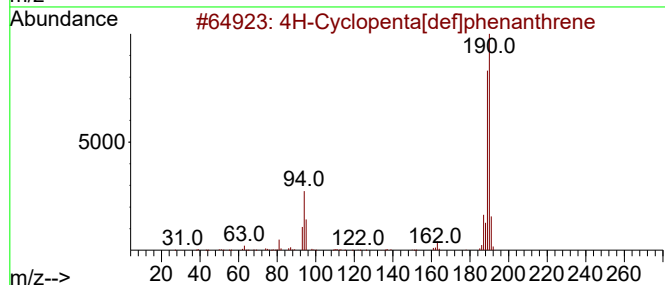
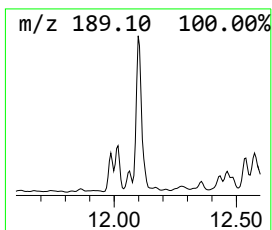
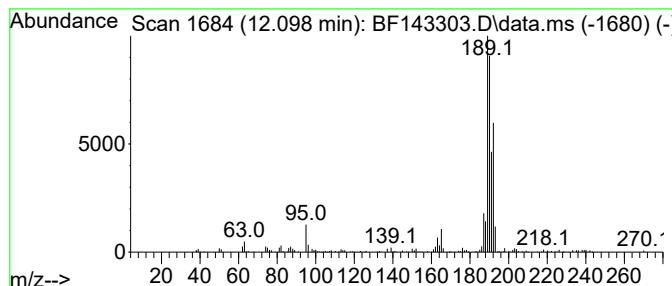
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.098	5.66 ng	214727	Phenanthrene-d10			11.480
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	38
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	35
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	30
5	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

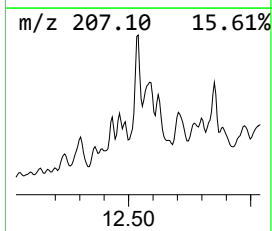
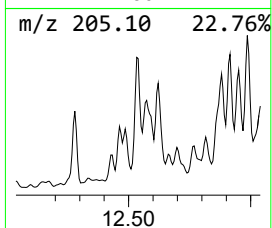
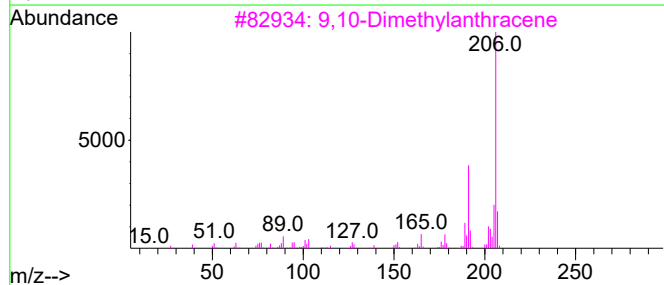
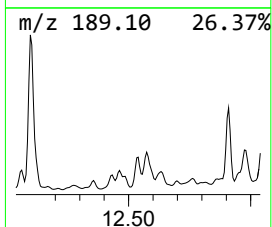
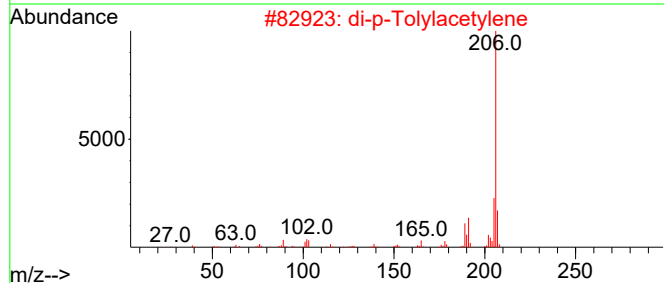
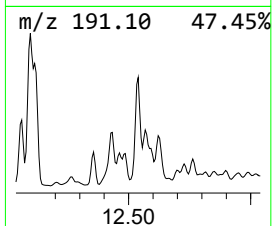
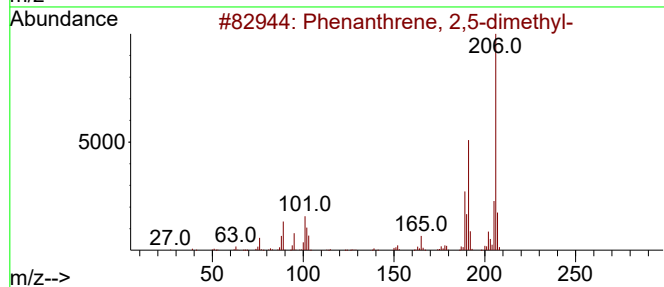
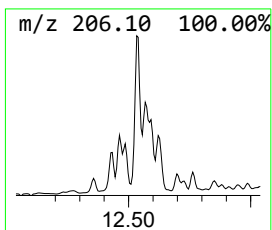
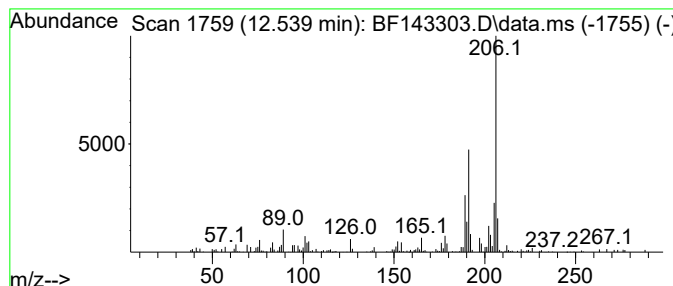
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.539	2.52 ng	95542	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	90
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	87
5	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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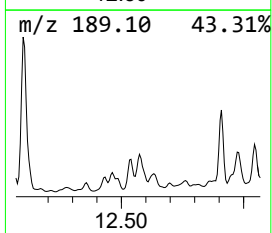
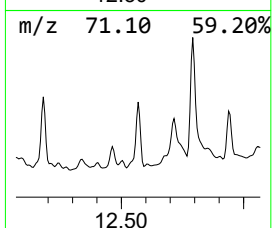
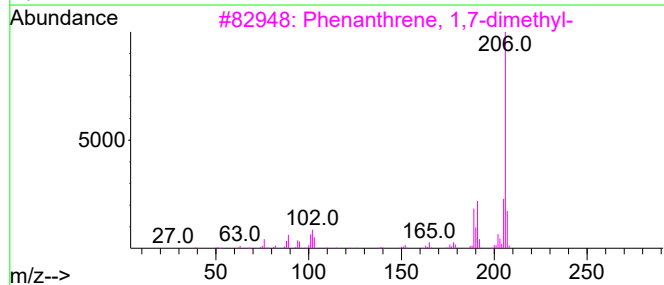
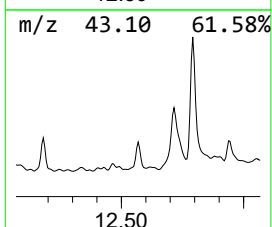
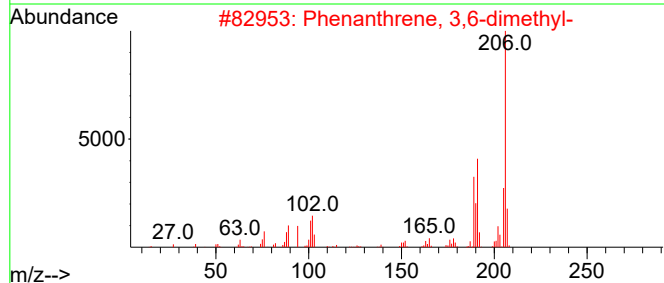
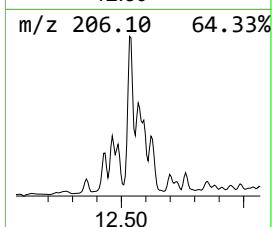
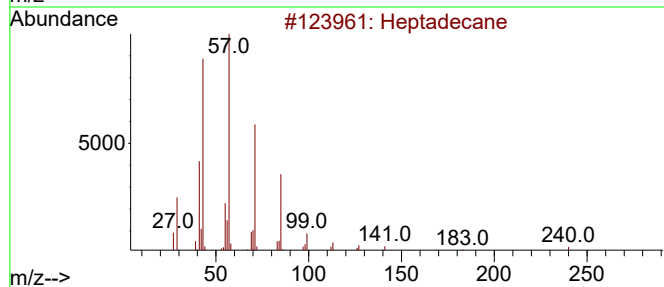
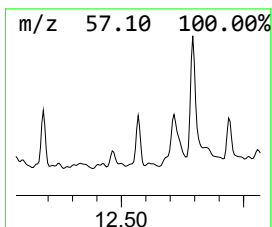
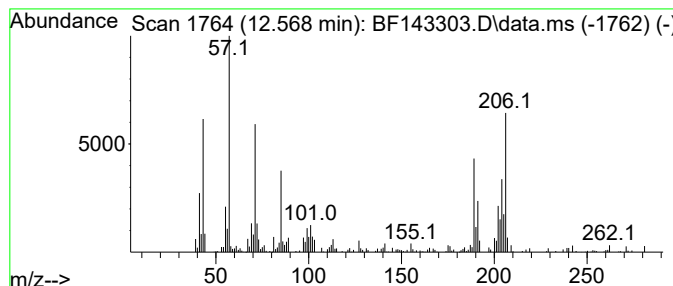
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	2.41 ng	91276	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	56
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	25
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
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Sample : Q2734-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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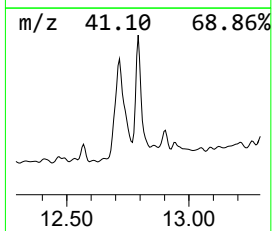
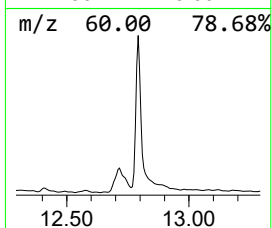
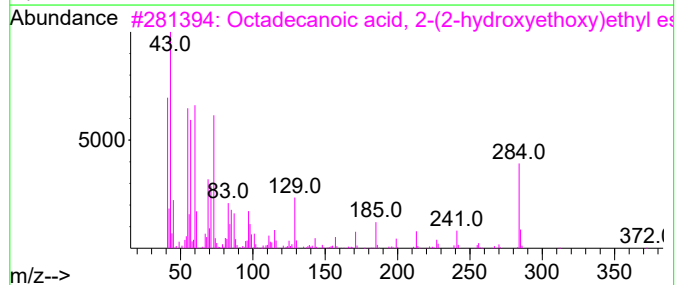
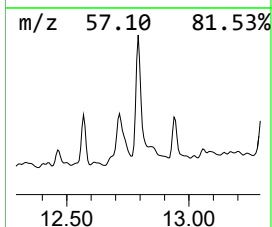
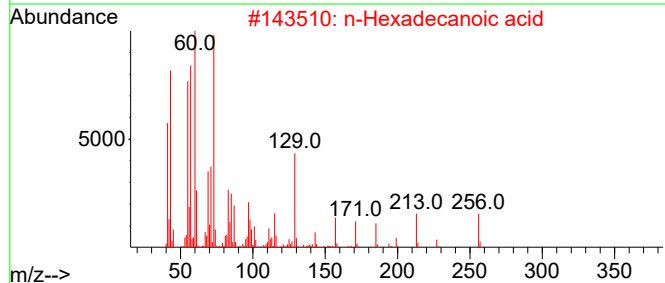
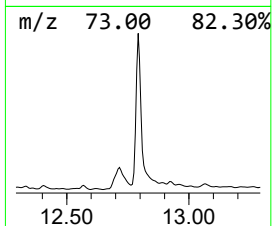
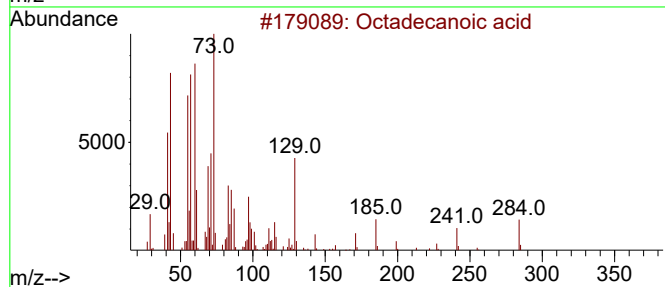
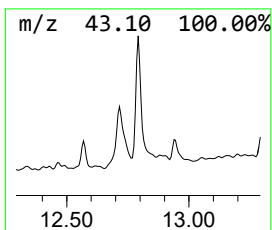
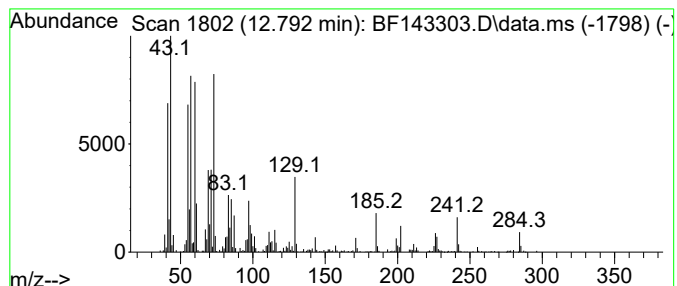
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	10.63 ng	403133	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143303.D
Acq On : 04 Aug 2025 18:32
Operator : RC/JU
Sample : Q2734-01 2X
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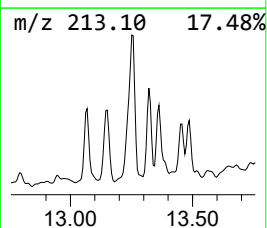
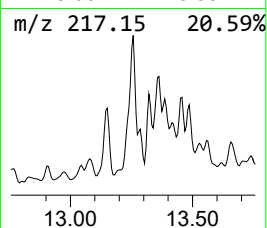
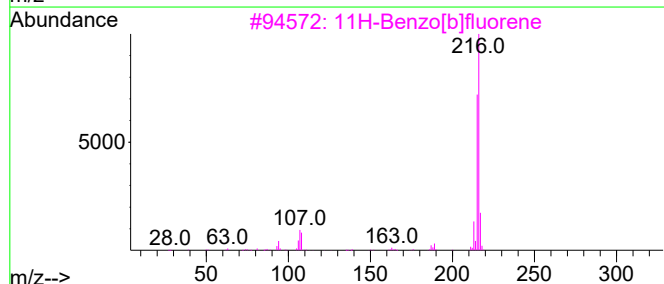
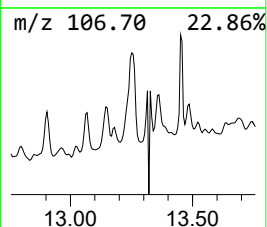
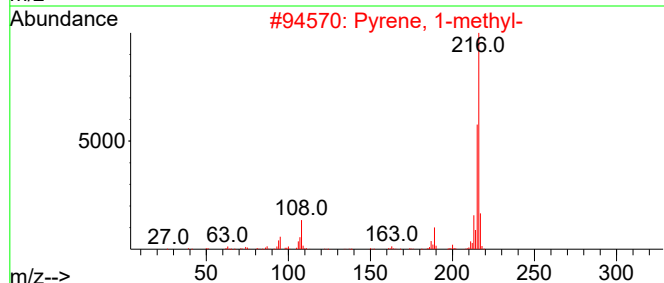
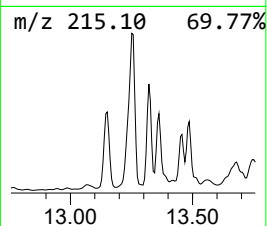
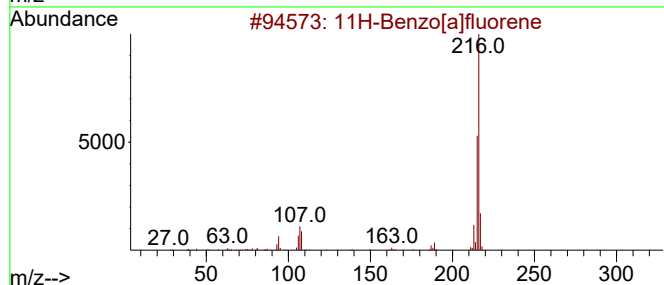
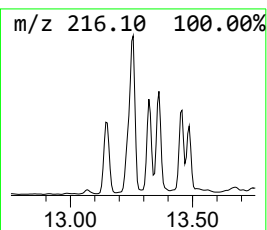
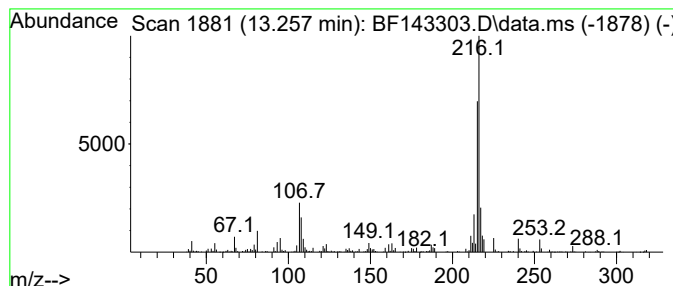
Instrument :
BNA_F
ClientSampleId :
VNJ-253

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.257	2.24 ng	159098	Chrysene-d12	14.127	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143303.D
 Acq On : 04 Aug 2025 18:32
 Operator : RC/JU
 Sample : Q2734-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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
Butane, 2-metho...	2.275	17.4	ng	673810	1	6.963	775739	20.0
2-Pentanone, 4-...	5.181	5.1	ng	196399	1	6.963	775739	20.0
Nonane, 3-methyl-	6.222	3.6	ng	138015	1	6.963	775739	20.0
Undecane, 5,6-d...	6.410	2.6	ng	101495	1	6.963	775739	20.0
Nonane, 4-methyl-	6.469	3.1	ng	120226	1	6.963	775739	20.0
Cyclohexane, 1,...	6.504	4.2	ng	160887	1	6.963	775739	20.0
Octane, 4-ethyl-	6.798	9.8	ng	381802	1	6.963	775739	20.0
Nonadecane	10.422	2.2	ng	77873	3	9.998	719629	20.0
Benzophenone	10.704	2.6	ng	93116	3	9.998	719629	20.0
Tridecane	10.904	4.1	ng	154900	4	11.480	758265	20.0
Dodecane, 2-met...	11.345	2.2	ng	84948	4	11.480	758265	20.0
unknown11.380	11.380	2.0	ng	77506	4	11.480	758265	20.0
n-Hexadecanoic ...	12.010	25.1	ng	950580	4	11.480	758265	20.0
4H-Cyclopenta[d...	12.098	5.7	ng	214727	4	11.480	758265	20.0
Phenanthrene, 2...	12.539	2.5	ng	95542	4	11.480	758265	20.0
Heptadecane	12.568	2.4	ng	91276	4	11.480	758265	20.0
Octadecanoic acid	12.792	10.6	ng	403133	4	11.480	758265	20.0
11H-Benzo[a]flu...	13.257	2.2	ng	159098	5	14.127	1417570	20.0