LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	488	497	507	rBV	122047	186220	10.91%	1.076%
2	5.510	558	564	570	rBV	1278301	1706343	100.00%	9.855%
3	6.516	729	735	747	rBV	1246315	1667011	97.69%	9.628%
4	6.898	795	800	805	rVB	482327	590540	34.61%	3.411%
5	7.457	884	895	900	rBV	780974	1016487	59.57%	5.871%
6	7.540	904	909	913	rVB3	19066	30183	1.77%	0.174%
7	7.598	913	919	922	rBV2	13276	23363	1.37%	0.135%
8	7.675	929	932	935	rBV2	15718	19570	1.15%	0.113%
9	7.710	935	938	944	rVB3	32759	45973	2.69%	0.266%
10	7.775	945	949	953	rBV2	11517	20156	1.18%	0.116%
11	7.822	953	957	960	rVB3	22258	24991	1.46%	0.144%
12	8.057	993	997	999	rBV2	12212	17379	1.02%	0.100%
13	8.128	1005	1009	1012	rBV4	12259	20059	1.18%	0.116%
14	8.181	1012	1018	1024	rVV	544072	716383	41.98%	4.138%
15	8.234	1024	1027	1031	rVV	56786	79646	4.67%	0.460%
16	8.269	1031	1033	1040	rVB5	20864	34790	2.04%	0.201%
17	8.387	1050	1053	1060	rVB5	22763	38851	2.28%	0.224%
18	8.469	1061	1067	1073	rBV7	25004	57572	3.37%	0.333%
19	8.522	1073	1076	1079	rBV3	16402	18411	1.08%	0.106%
20	8.598	1085	1089	1092	rBV	40133	55475	3.25%	0.320%
21	8.722	1106	1110	1114	rBV6	14756	23915	1.40%	0.138%
22	8.863	1131	1134	1138	rVB3	28170	35468	2.08%	0.205%
23	9.057	1163	1167	1170	rBV4	18265	32391	1.90%	0.187%
24	9.175	1184	1187	1188	rBV	17941	19422	1.14%	0.112%
25	9.198	1188	1191	1195	rVB2	28619	34971	2.05%	0.202%
26	9.251	1195	1200	1206	rVB	1147831	1437198	84.23%	8.301%
27	9.339	1210	1215	1219	rBV2	36976	62795	3.68%	0.363%
28	9.592	1255	1258	1263	rVB3	19453	27492	1.61%	0.159%
29	9.645	1263	1267	1274	rVB5	62840	95284	5.58%	0.550%
30	9.798	1289	1293	1297	rBV	72271	97953	5.74%	0.566%
31	9.845	1297	1301	1305	rVB2	34032	46516	2.73%	0.269%
32	9.934	1311	1316	1320	rVV	472277	585927	34.34%	3.384%
33	10.186	1356	1359	1366	rVB4	24185	42861	2.51%	0.248%
34	10.251	1367	1370	1373	rBV3	17080	23885	1.40%	0.138%
35	10.345	1382	1386	1391	rBV5	18019	29035	1.70%	0.168%
36	10.481	1406	1409	1416	rVB	28326	42798	2.51%	0.247%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.645	1432	1437	1444	rVB	95708	126581	7.42%	0.731%
38	10.722	1445	1450	1462	rVB	692348	880159	51.58%	5.083%
39	10.845	1467	1471	1478	rVB	30591	48245	2.83%	0.279%
40	11.028	1498	1502	1505	rBV2	17919	30748	1.80%	0.178%
41	11.057	1505	1507	1513	rVV2	20654	28230	1.65%	0.163%
42	11.316	1547	1551	1557	rVB	26153	43971	2.58%	0.254%
43	11.422	1564	1569	1578	rBV2	468299	671496	39.35%	3.878%
44	11.498	1578	1582	1585	rVV	30449	39056	2.29%	0.226%
45	11.751	1622	1625	1632	rVB	27724	40220	2.36%	0.232%
46	11.833	1636	1639	1644	rVB	16082	21869	1.28%	0.126%
47	11.945	1650	1658	1663	rBV2	102327	245019	14.36%	1.415%
48	11.998	1664	1667	1669	rVV2	22367	29321	1.72%	0.169%
49	12.039	1669	1674	1682	rVB2	140723	285039	16.70%	1.646%
50	12.157	1691	1694	1697	rVB2	16704	18984	1.11%	0.110%
51	12.222	1701	1705	1708	rBV	36596	51840	3.04%	0.299%
52	12.369	1725	1730	1732	rBV2	22063	32524	1.91%	0.188%
53	12.398	1732	1735	1738	rBV	25826	31854	1.87%	0.184%
54	12.475	1744	1748	1751	rBV	83727	113076	6.63%	0.653%
55	12.510	1751	1754	1760	rVV2	56816	93277	5.47%	0.539%
56	12.563	1760	1763	1771	rVB3	36087	71664	4.20%	0.414%
57	12.639	1771	1776	1780	rBV	412256	531518	31.15%	3.070%
58	12.680	1780	1783	1788	rBV5	23206	39948	2.34%	0.231%
59	12.733	1789	1792	1795	rVB	28401	30023	1.76%	0.173%
60	12.792	1799	1802	1805	rBV2	18889	24558	1.44%	0.142%
61	12.869	1809	1815	1821	rVV	440594	616438	36.13%	3.560%
62	13.010	1833	1839	1846	rVB	1039370	1372874	80.46%	7.929%
63	13.086	1847	1852	1858	rBV2	61296	115416	6.76%	0.667%
64	13.192	1863	1870	1874	rVB	101994	192793	11.30%	1.114%
65	13.263	1878	1882	1885	rVV	68657	95804	5.61%	0.553%
66	13.298	1885	1888	1896	rVB2	83411	113673	6.66%	0.657%
67	13.392	1900	1904	1906	rVV	61493	81520	4.78%	0.471%
68	13.422	1906	1909	1913	rVB	52932	63408	3.72%	0.366%
69	13.904	1987	1991	2001	rVB5	64749	116094	6.80%	0.671%
70	14.063	2012	2018	2029	rBV2	487565	996343	58.39%	5.755%
71	15.116	2192	2197	2206	rBV	131612	311510	18.26%	1.799%
72	15.427	2246	2250	2256	rVB	81214	120763	7.08%	0.697%
73	15.492	2257	2261	2266	rVB	103937	159447	9.34%	0.921%
74	15.557	2267	2272	2284	rBV	244851	421422	24.70%	2.434%

Sum of corrected areas: 17314039

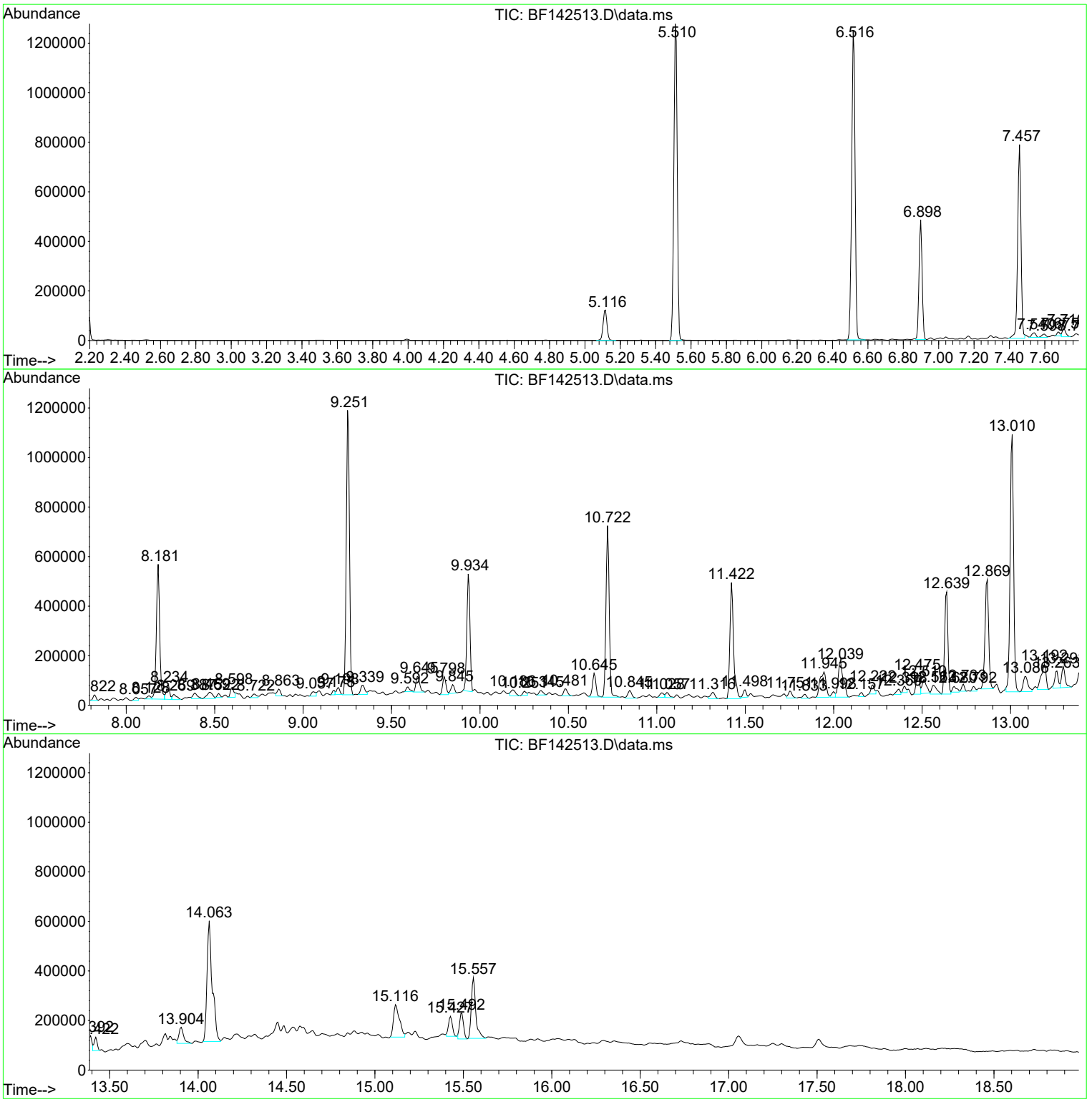
Instrument :
BNA_F
ClientSampleId :
TP-12

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

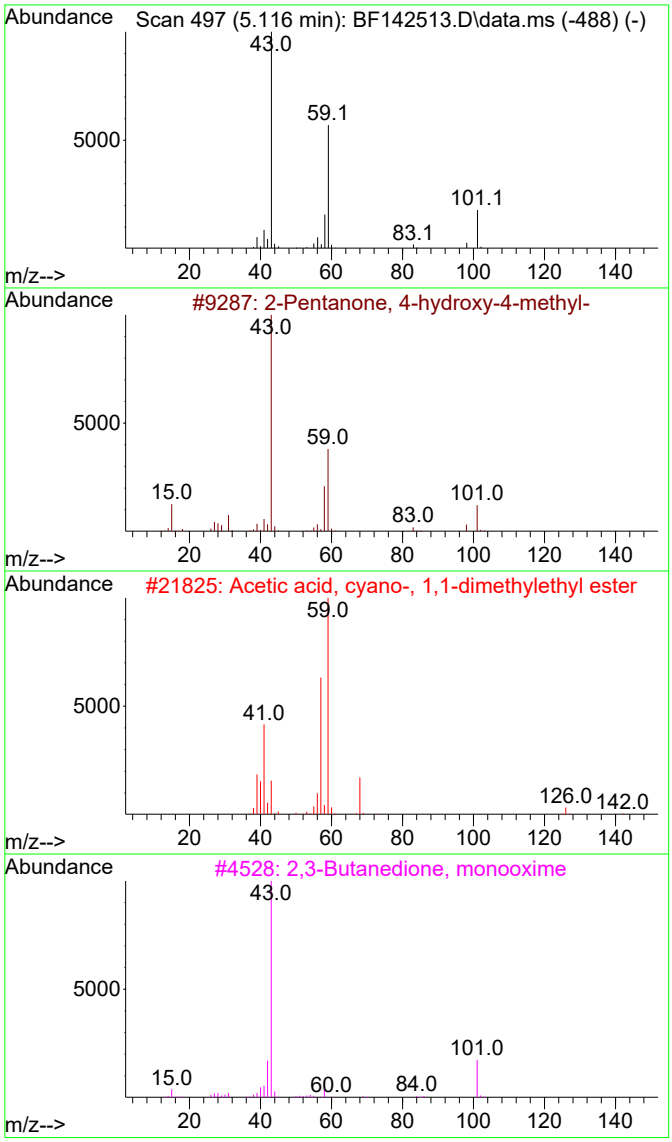
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

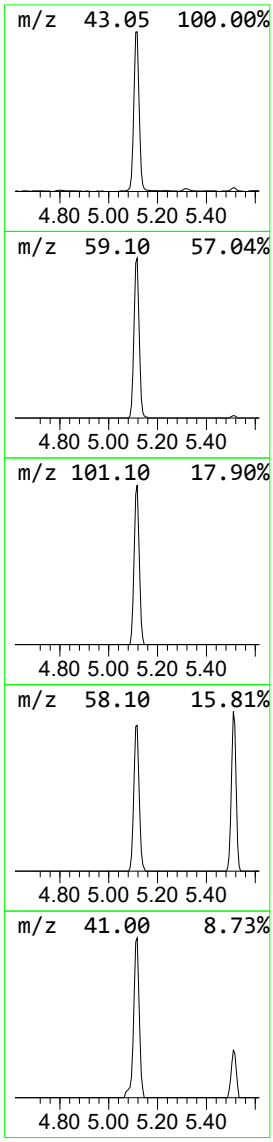
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.31 ng	186220	1,4-Dichlorobenzene-d4	6.898

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	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

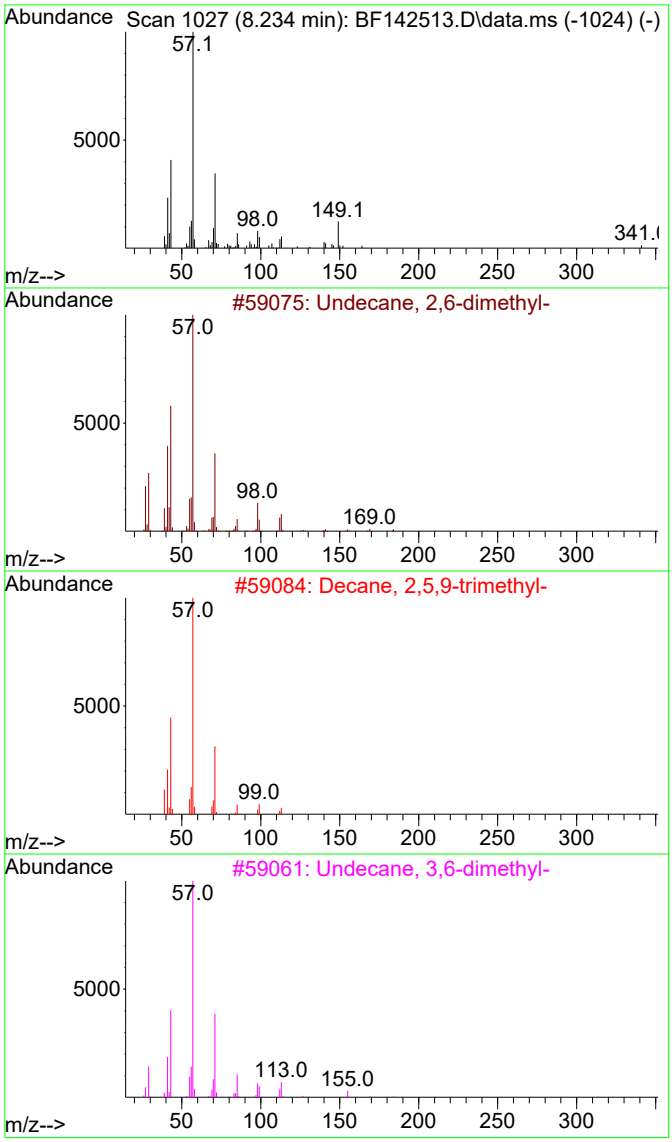
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

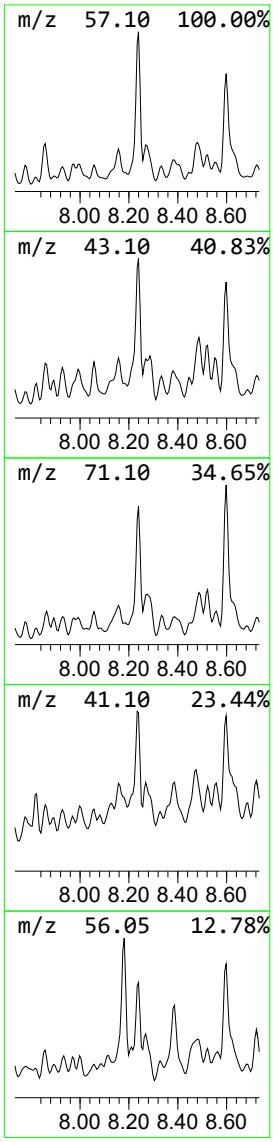
****

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	2.22 ng	79646	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50
5	Eicosyl octyl ether	410	C28H58O	1000406-38-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

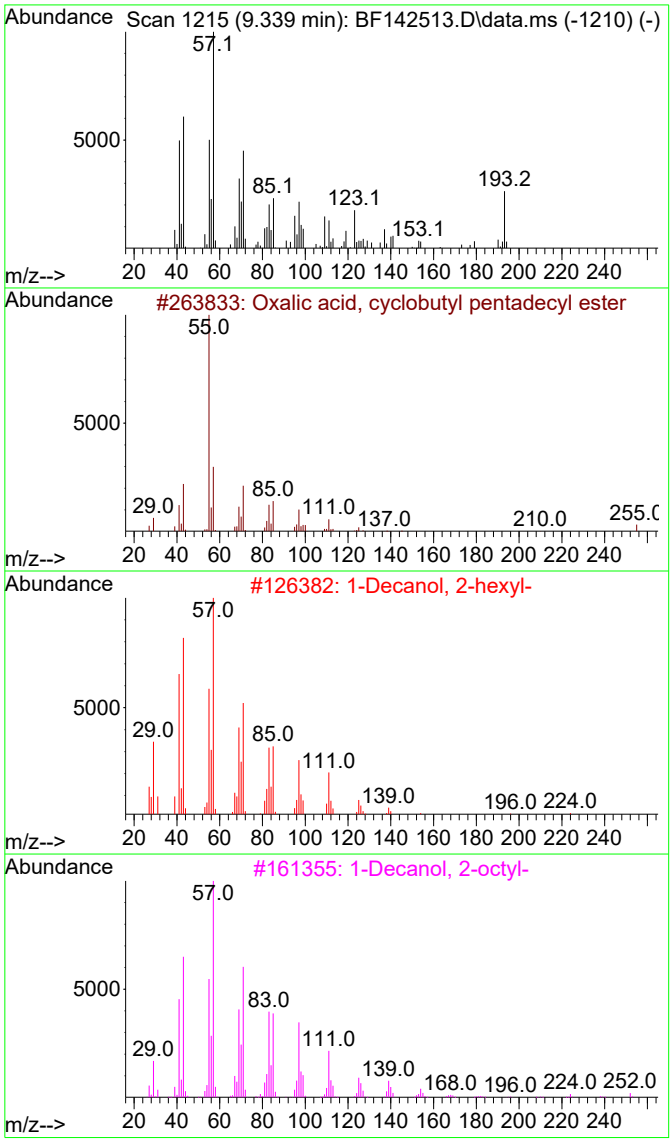
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

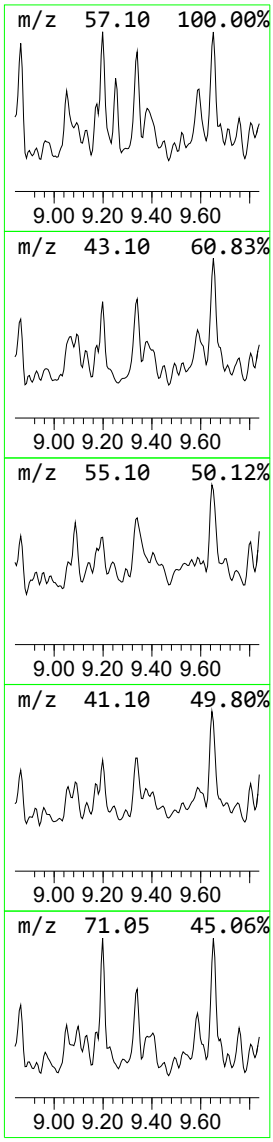
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxalic acid, cyclobutyl pen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	2.14 ng	62795	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	58
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	52
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	50
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
5	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

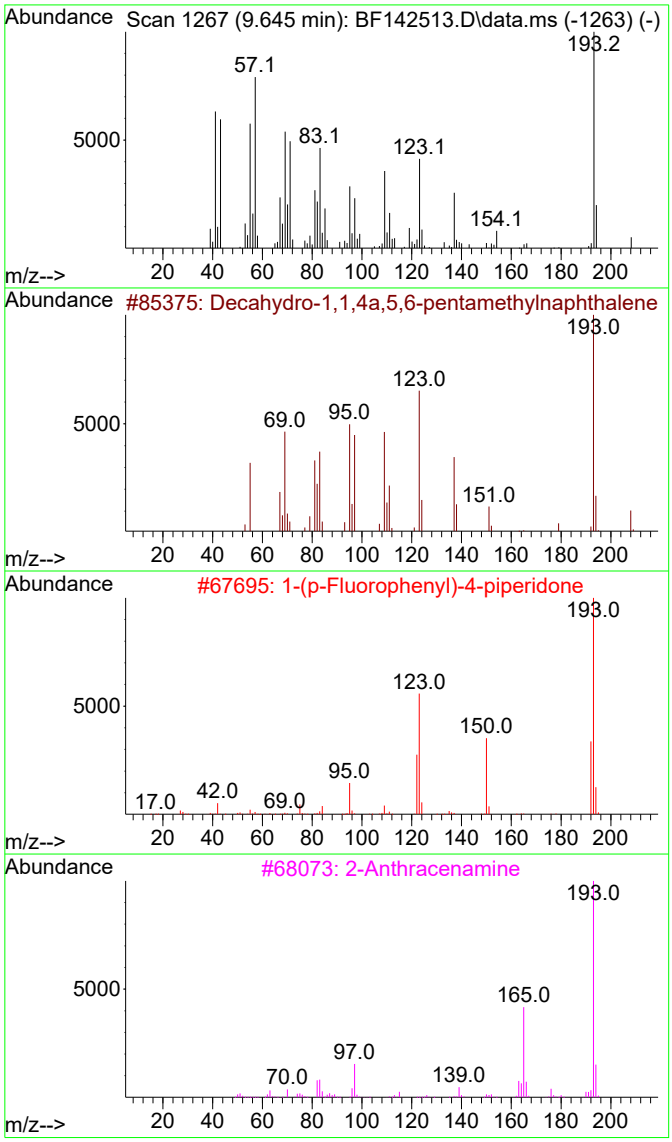
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

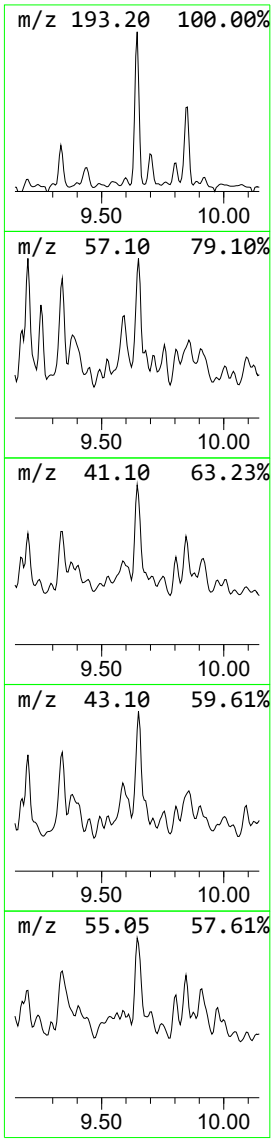
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	3.25 ng	95284	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	60
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	2-Anthracenamine	193	C14H11N	000613-13-8	25
4	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	22
5	Iminostilbene	193	C14H11N	000256-96-2	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

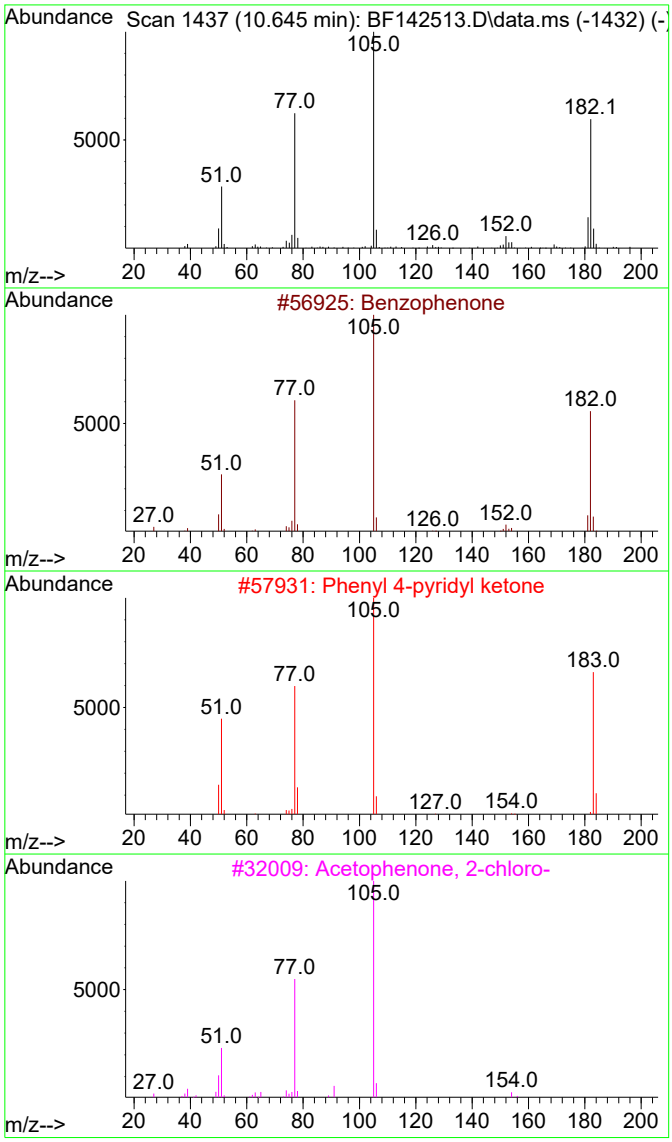
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

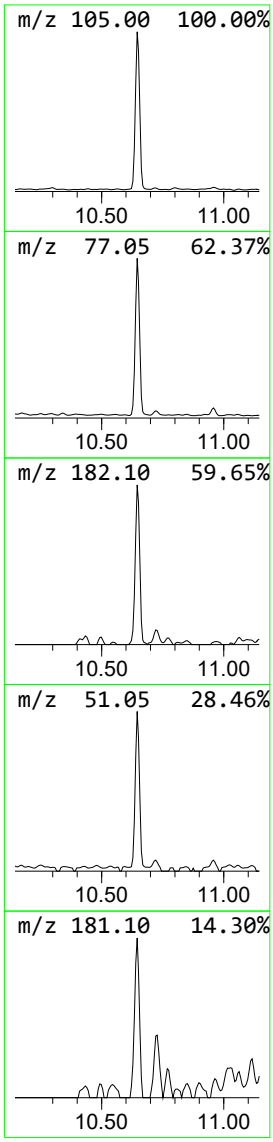
****

Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.32 ng	126581	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	52
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43
5	Vinyl benzoate	148	C9H8O2	000769-78-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

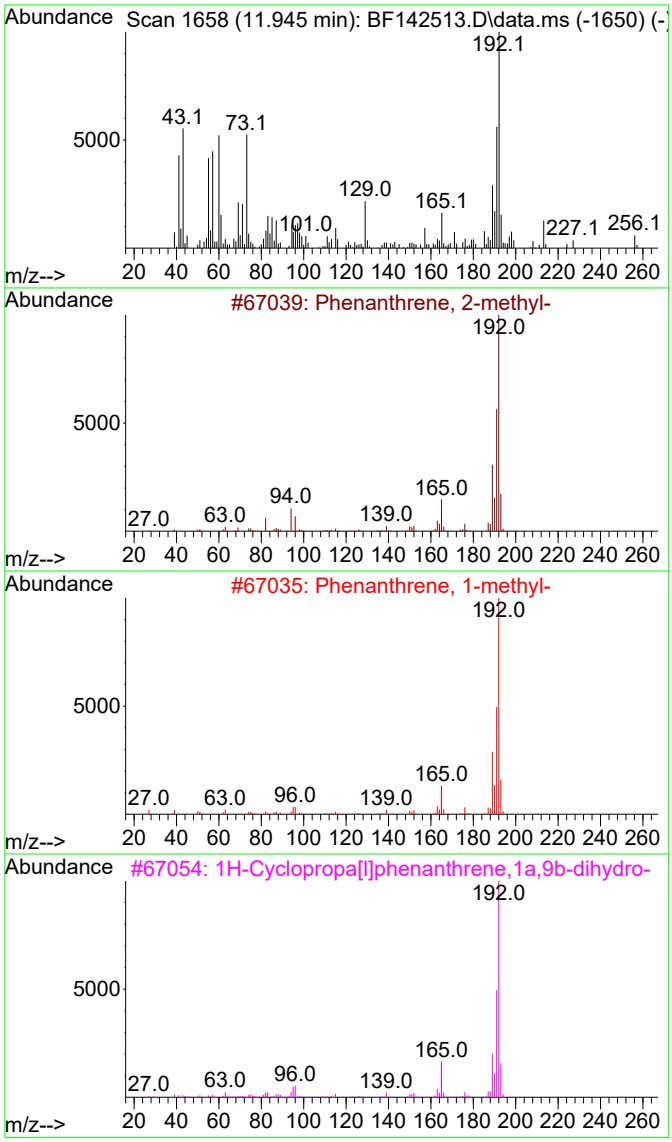
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

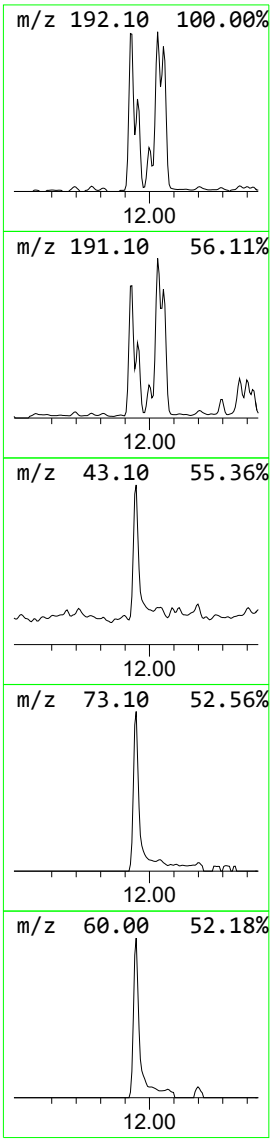
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	7.30 ng	245019	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

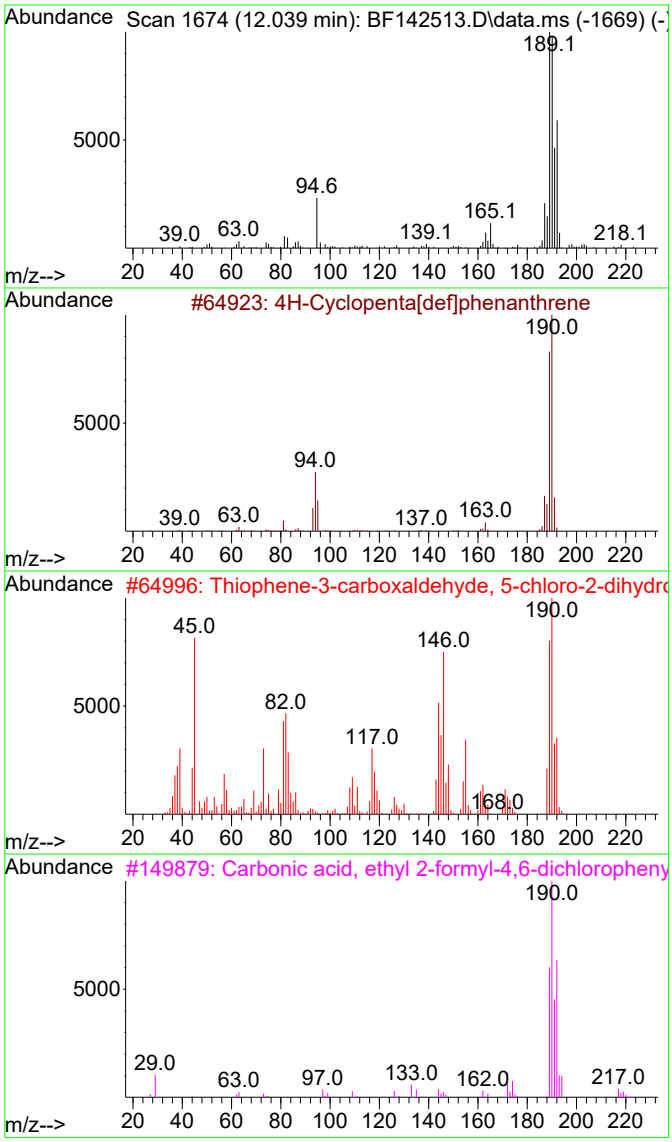
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

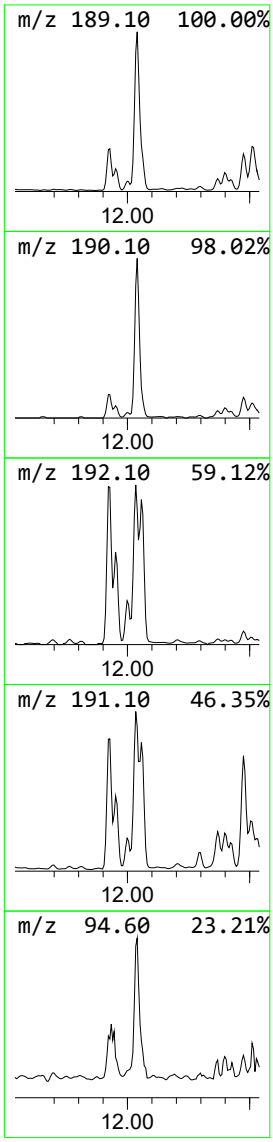
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	8.49 ng	285039	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43





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Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

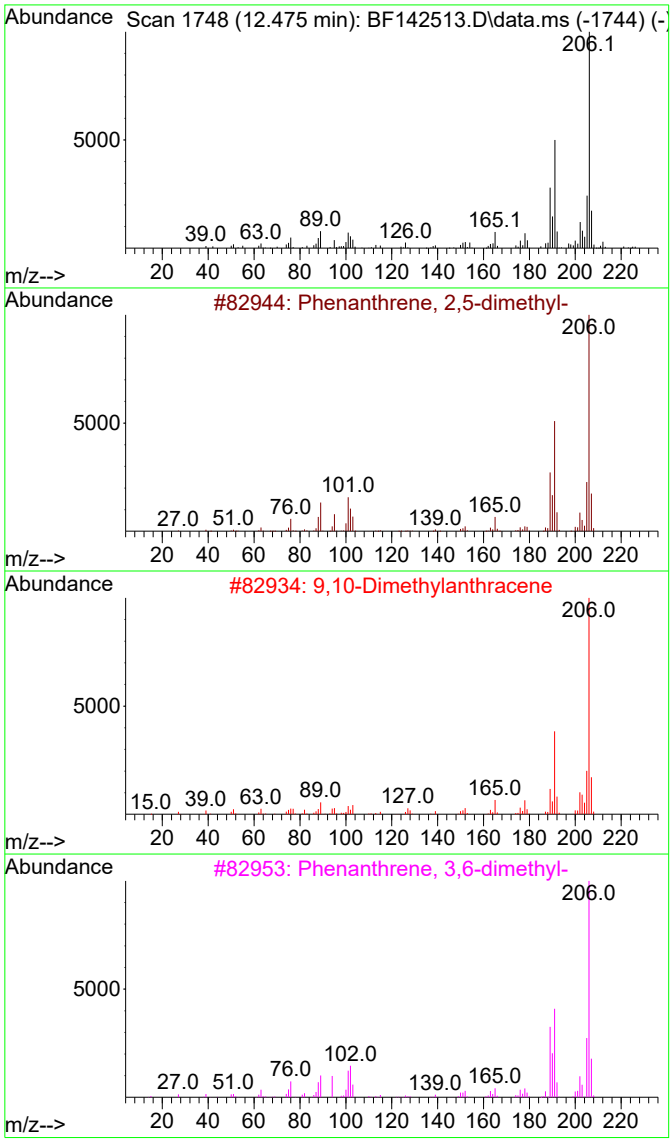
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

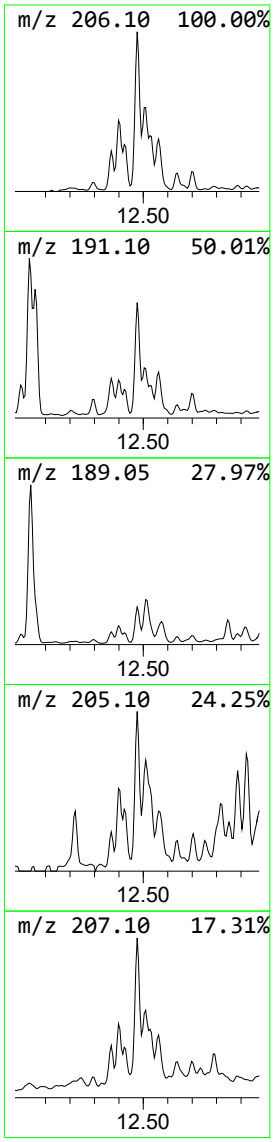
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	3.37 ng	113076	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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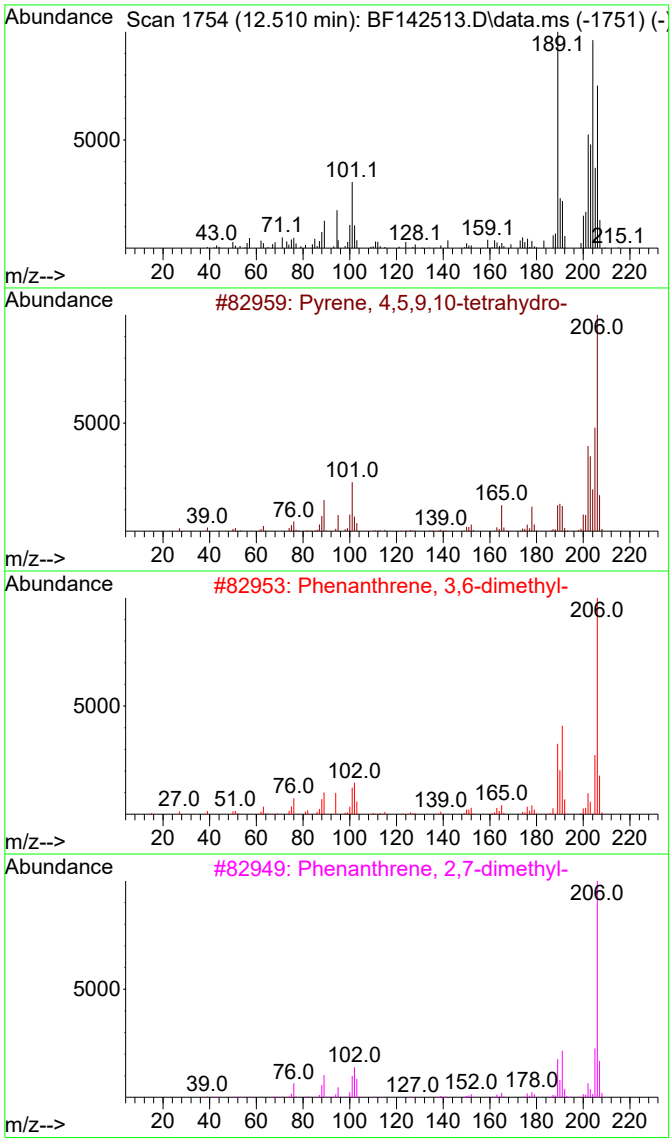
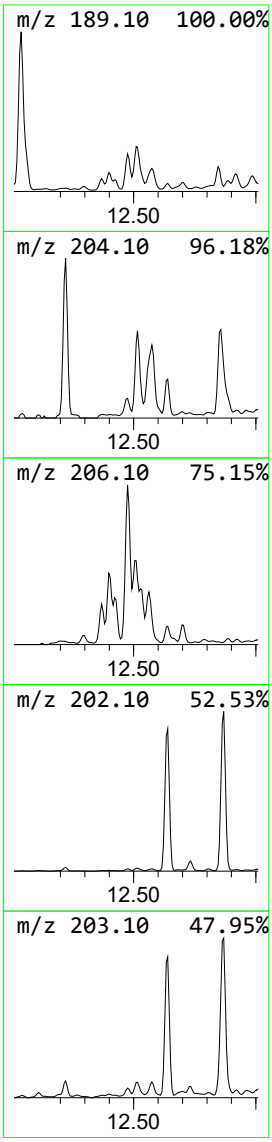
Peak Number 9 unknown12.510 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.78 ng	93277	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	30





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Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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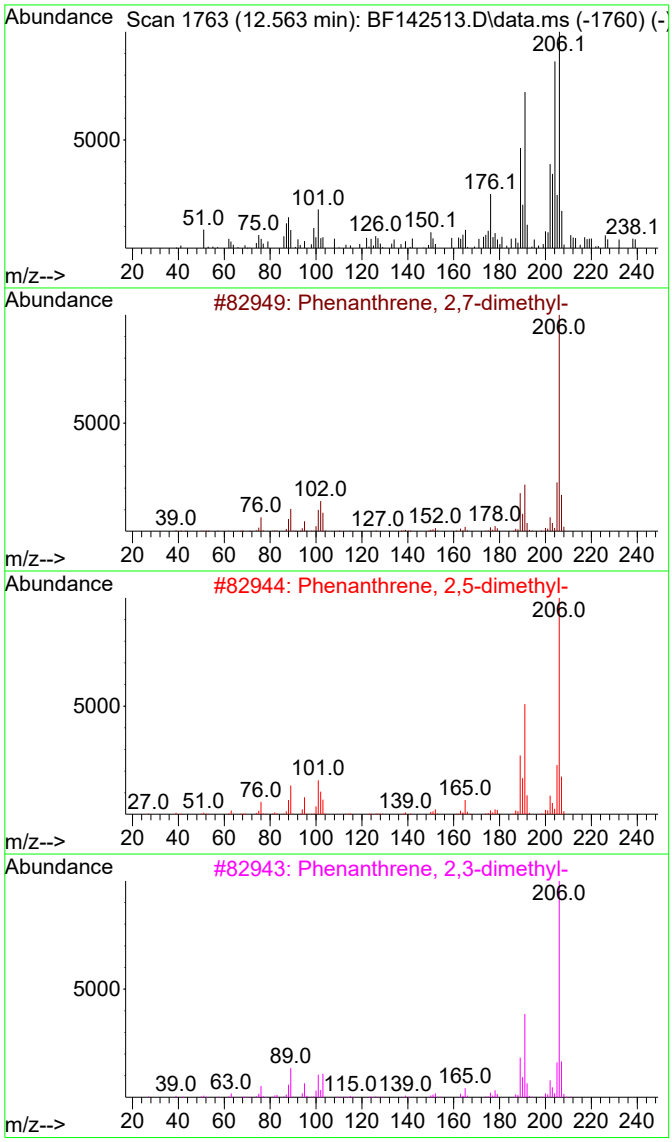
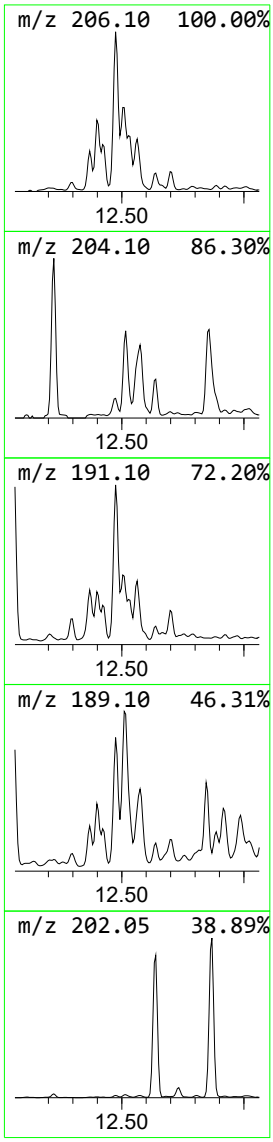
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	2.13 ng	71664	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50





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Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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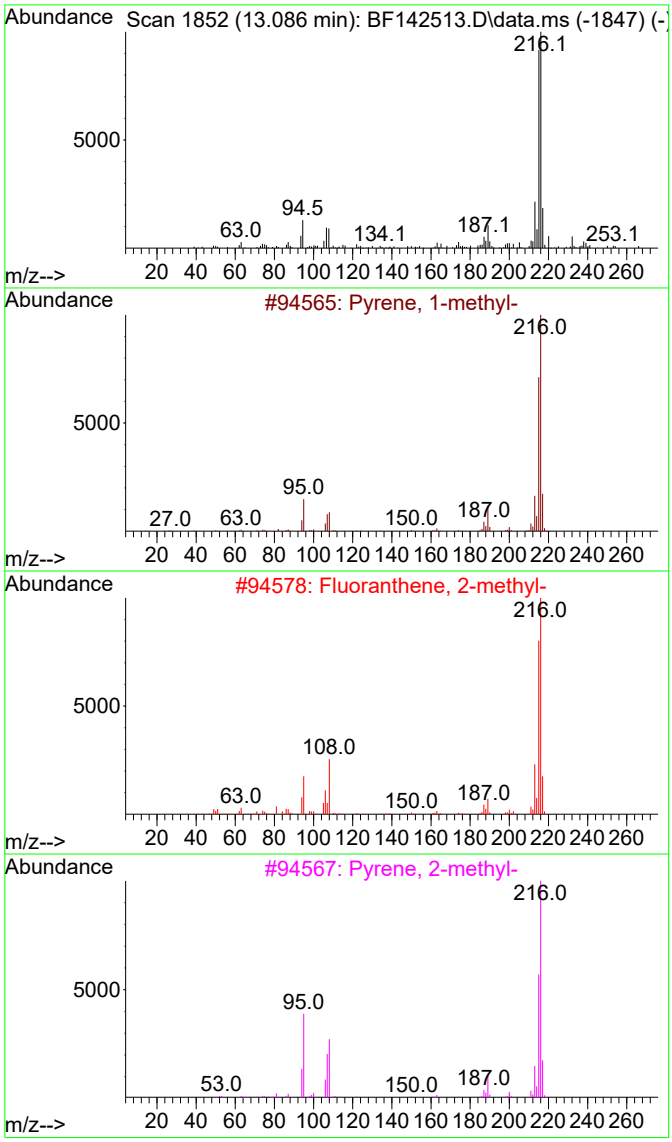
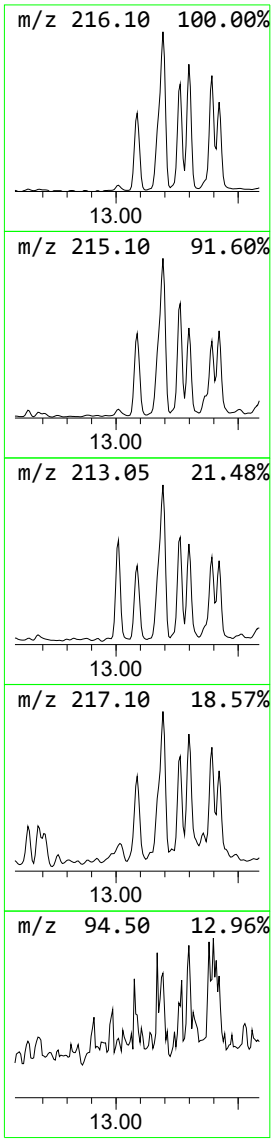
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.32 ng	115416	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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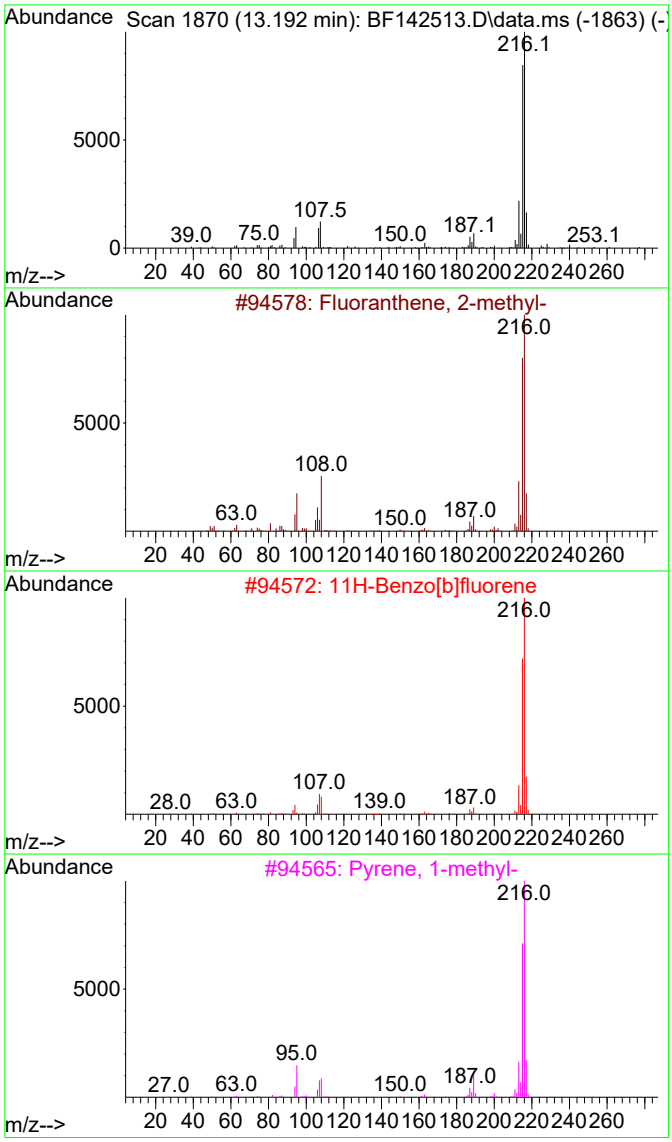
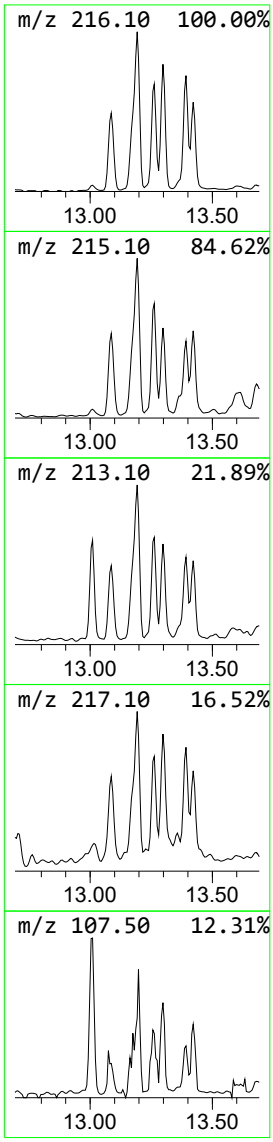
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.87 ng	192793	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 22 May 2025 16:34
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Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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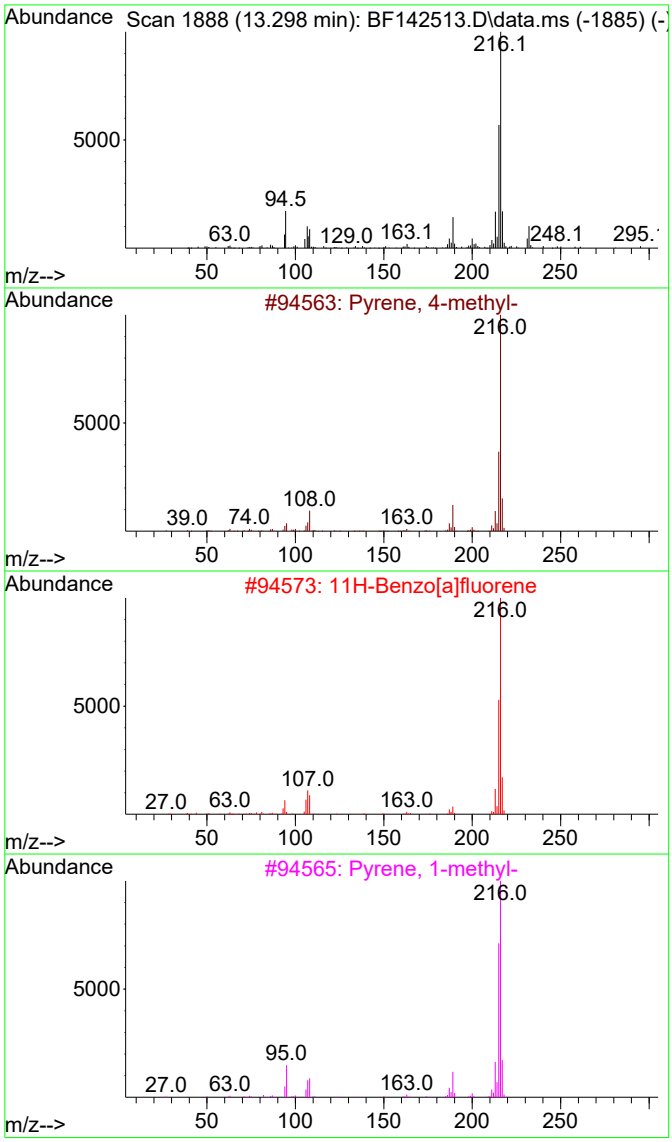
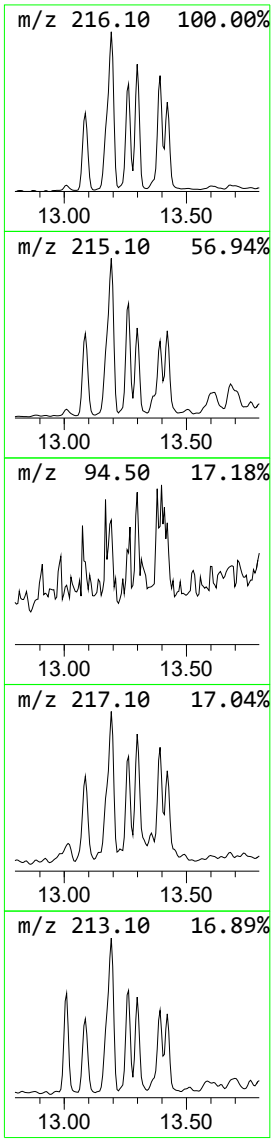
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	2.28 ng	113673	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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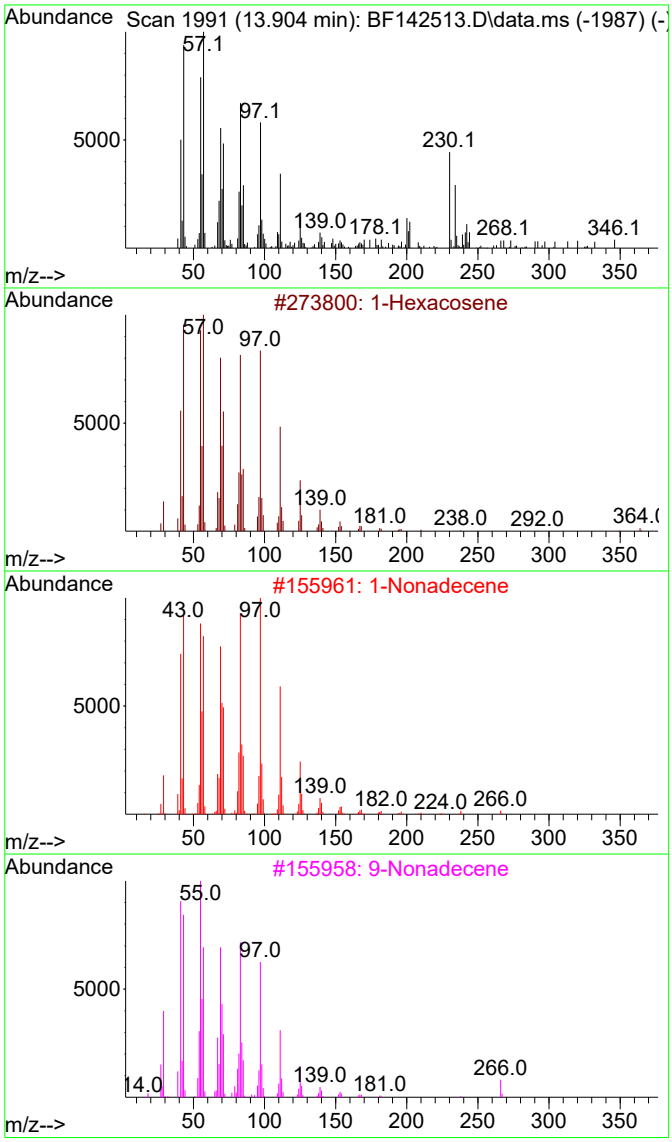
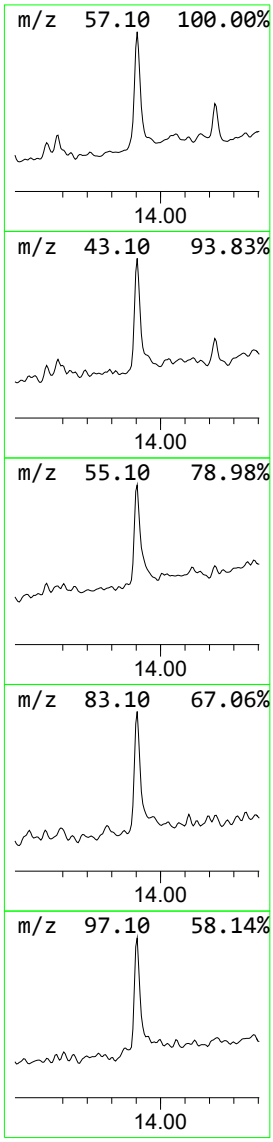
Peak Number 14 1-Hexacosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.33 ng	116094	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	83
2	1-Nonadecene	266	C19H38	018435-45-5	78
3	9-Nonadecene	266	C19H38	031035-07-1	78
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	70
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70





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Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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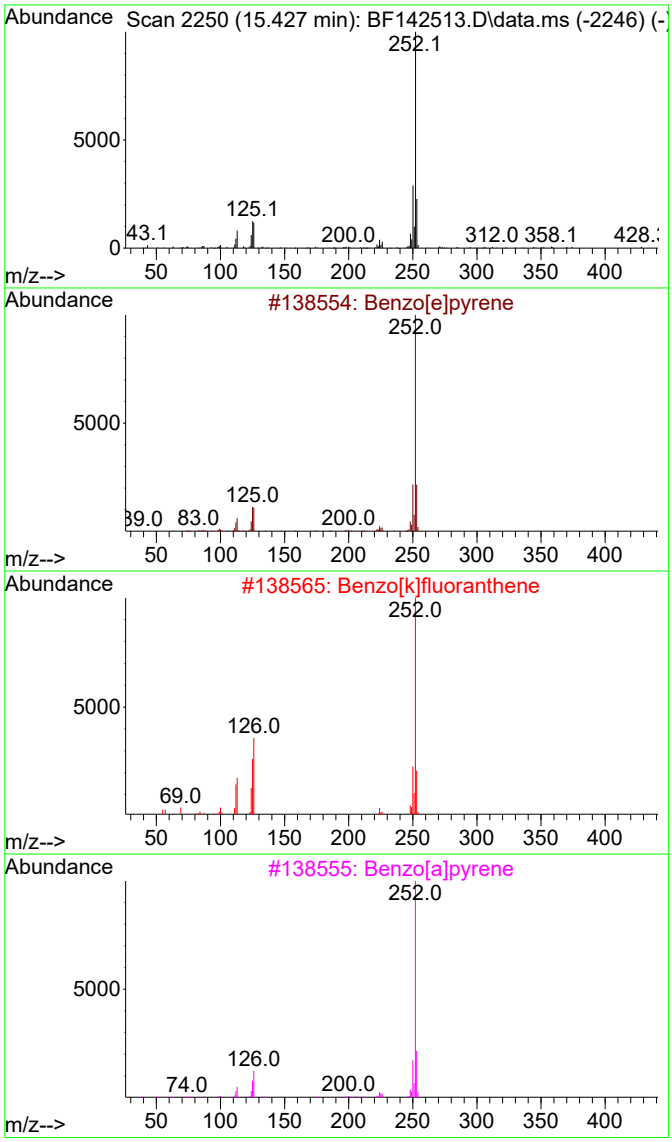
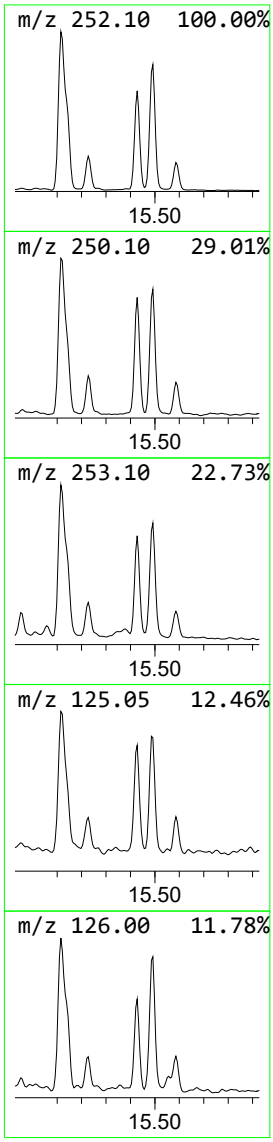
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	5.73 ng	120763	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142513.D
Acq On : 22 May 2025 16:34
Operator : RC/JU
Sample : Q2074-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Pentanone, 4-...	5.116	6.3	ng	186220	1	6.898	590540	20.0
Undecane, 2,6-d...	8.234	2.2	ng	79646	2	8.181	716383	20.0
Oxalic acid, cy...	9.339	2.1	ng	62795	3	9.934	585927	20.0
Decahydro-1,1,4...	9.645	3.3	ng	95284	3	9.934	585927	20.0
Benzophenone	10.645	4.3	ng	126581	3	9.934	585927	20.0
Phenanthrene, 2...	11.945	7.3	ng	245019	4	11.422	671496	20.0
4H-Cyclopenta[d...	12.039	8.5	ng	285039	4	11.422	671496	20.0
Phenanthrene, 2...	12.475	3.4	ng	113076	4	11.422	671496	20.0
unknown12.510	12.510	2.8	ng	93277	4	11.422	671496	20.0
Phenanthrene, 2...	12.563	2.1	ng	71664	4	11.422	671496	20.0
Pyrene, 1-methyl-	13.086	2.3	ng	115416	5	14.063	996343	20.0
Fluoranthene, 2...	13.192	3.9	ng	192793	5	14.063	996343	20.0
Pyrene, 4-methyl-	13.298	2.3	ng	113673	5	14.063	996343	20.0
1-Hexacosene	13.904	2.3	ng	116094	5	14.063	996343	20.0
Benzo[e]pyrene	15.427	5.7	ng	120763	6	15.557	421422	20.0