LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 281

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	12	17	28	rVB	53666	92879	1.80%	0.177%
2	5.034	495	500	506	rVB	65255	105506	2.05%	0.201%
3	5.422	559	566	572	rBV	3033434	4220322	82.01%	8.055%
4	6.434	731	738	743	rBV	2993033	4358214	84.69%	8.318%
5	6.804	796	801	806	rBV	683074	835476	16.24%	1.595%
6	7.363	889	896	902	rBV	2058052	2883027	56.02%	5.502%
7	7.622	935	940	948	rVB	106081	138125	2.68%	0.264%
8	8.086	1013	1019	1028	rBV	850274	1149210	22.33%	2.193%
9	8.304	1050	1056	1063	rVB	47769	64525	1.25%	0.123%
10	9.163	1195	1202	1207	rBV	3774658	5146128	100.00%	9.822%
11	9.839	1311	1317	1322	rBV	992089	1319401	25.64%	2.518%
12	10.386	1406	1410	1416	rVB	73387	101503	1.97%	0.194%
13	10.475	1416	1425	1428	rBV3	22688	52987	1.03%	0.101%
14	10.557	1433	1439	1445	rVB	769505	1016486	19.75%	1.940%
15	10.633	1445	1452	1457	rBV	2752367	3679535	71.50%	7.023%
16	10.863	1488	1491	1496	rVB	57695	74639	1.45%	0.142%
17	10.939	1498	1504	1507	rBV3	62506	103833	2.02%	0.198%
18	11.069	1521	1526	1527	rBV3	54799	70945	1.38%	0.135%
19	11.180	1541	1545	1550	rBV	62122	100628	1.96%	0.192%
20	11.327	1565	1570	1578	rBV2	967449	1510219	29.35%	2.882%
21	11.404	1578	1583	1586	rVV	111504	143540	2.79%	0.274%
22	11.439	1586	1589	1593	rVV2	42149	52156	1.01%	0.100%
23	11.580	1606	1613	1618	rBV4	68763	181093	3.52%	0.346%
24	11.627	1618	1621	1624	rVV	68410	90445	1.76%	0.173%
25	11.663	1624	1627	1633	rVB2	41904	65147	1.27%	0.124%
26	11.863	1652	1661	1666	rBV2	821033	1244154	24.18%	2.375%
27	11.904	1666	1668	1672	rVV	169767	241483	4.69%	0.461%
28	11.945	1672	1675	1684	rVB2	433001	662687	12.88%	1.265%
29	12.027	1685	1689	1693	rBV5	32780	65194	1.27%	0.124%
30	12.127	1700	1706	1714	rVB	232305	376629	7.32%	0.719%
31	12.280	1727	1732	1735	rBV3	55336	82615	1.61%	0.158%
32	12.333	1738	1741	1743	rVV	47760	54337	1.06%	0.104%
33	12.380	1745	1749	1753	rVV	143267	230557	4.48%	0.440%
34	12.421	1753	1756	1761	rVV2	91782	145540	2.83%	0.278%
35	12.474	1761	1765	1772	rVB4	52469	94806	1.84%	0.181%
36	12.545	1772	1777	1782	rBV	2207373	3006815	58.43%	5.739%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.592	1782	1785	1790	rVV2	63989	107381	2.09%	0.205%
38	12.651	1790	1795	1800	rVV2	182203	284203	5.52%	0.542%
39	12.698	1800	1803	1806	rVV	84200	100508	1.95%	0.192%
40	12.774	1809	1816	1822	rVV2	2022345	3266395	63.47%	6.234%
41	12.827	1822	1825	1830	rVB2	117046	164180	3.19%	0.313%
42	12.921	1832	1841	1847	rBV	3365527	4642169	90.21%	8.860%
43	12.992	1847	1853	1860	rBV2	182601	348646	6.77%	0.665%
44	13.104	1864	1872	1876	rVB	489826	798875	15.52%	1.525%
45	13.168	1879	1883	1887	rBV	506884	674030	13.10%	1.286%
46	13.204	1887	1889	1897	rVB3	229511	326604	6.35%	0.623%
47	13.298	1902	1905	1908	rVV2	80159	106845	2.08%	0.204%
48	13.333	1908	1911	1919	rVB2	90366	146296	2.84%	0.279%
49	13.463	1929	1933	1937	rBV	159365	237680	4.62%	0.454%
50	13.586	1951	1954	1957	rBV2	66700	101349	1.97%	0.193%
51	13.721	1973	1977	1980	rBV	140589	210613	4.09%	0.402%
52	13.751	1980	1982	1984	rBV	61158	68441	1.33%	0.131%
53	13.827	1991	1995	2003	rVB3	193923	295770	5.75%	0.564%
54	13.974	2013	2020	2023	rBV2	1208395	2263129	43.98%	4.319%
55	14.004	2023	2025	2031	rVV	840401	963883	18.73%	1.840%
56	14.086	2035	2039	2043	rVB	146492	204226	3.97%	0.390%
57	14.368	2084	2087	2091	rBV	88652	102565	1.99%	0.196%
58	14.468	2101	2104	2106	rBV2	64065	79924	1.55%	0.153%
59	14.627	2128	2131	2136	rVB	93293	118690	2.31%	0.227%
60	15.027	2194	2199	2208	rVB	422475	965709	18.77%	1.843%
61	15.321	2245	2249	2254	rVB	198491	298208	5.79%	0.569%
62	15.386	2255	2260	2265	rVV	307068	490576	9.53%	0.936%
63	15.451	2266	2271	2283	rVB2	603900	1085180	21.09%	2.071%
64	16.892	2512	2516	2524	rVB2	93235	183026	3.56%	0.349%

Sum of corrected areas: 52395887

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
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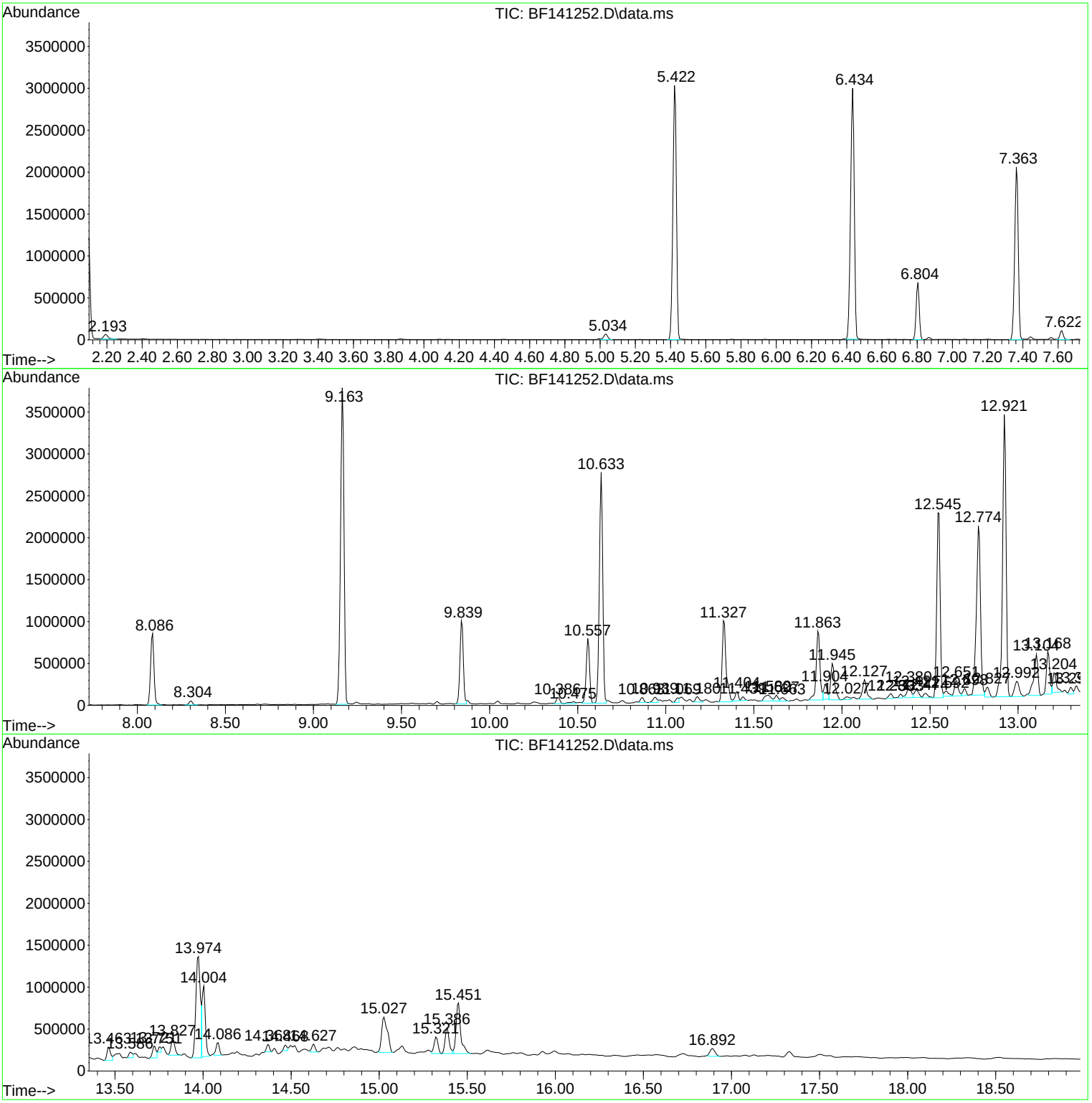
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

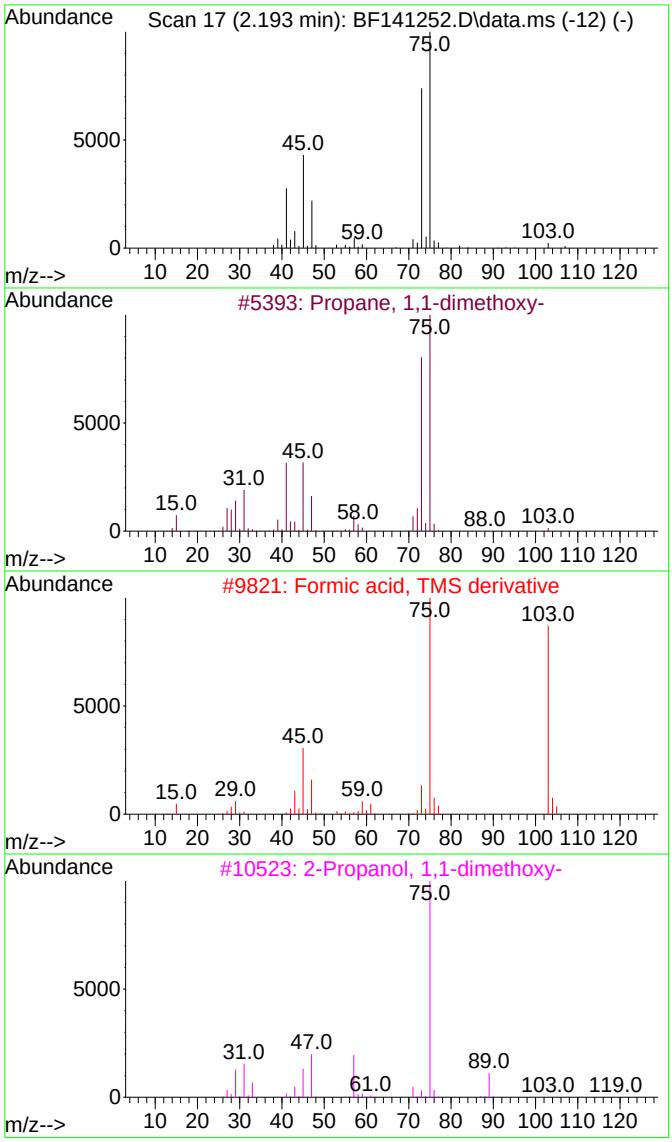
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

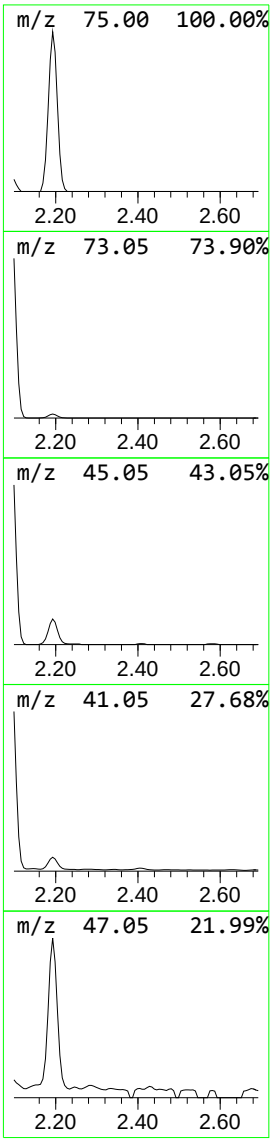
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	2.22 ng	92879	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Formic acid, TMS derivative	118	C4H10O2Si	018243-21-5	72
3	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
4	2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

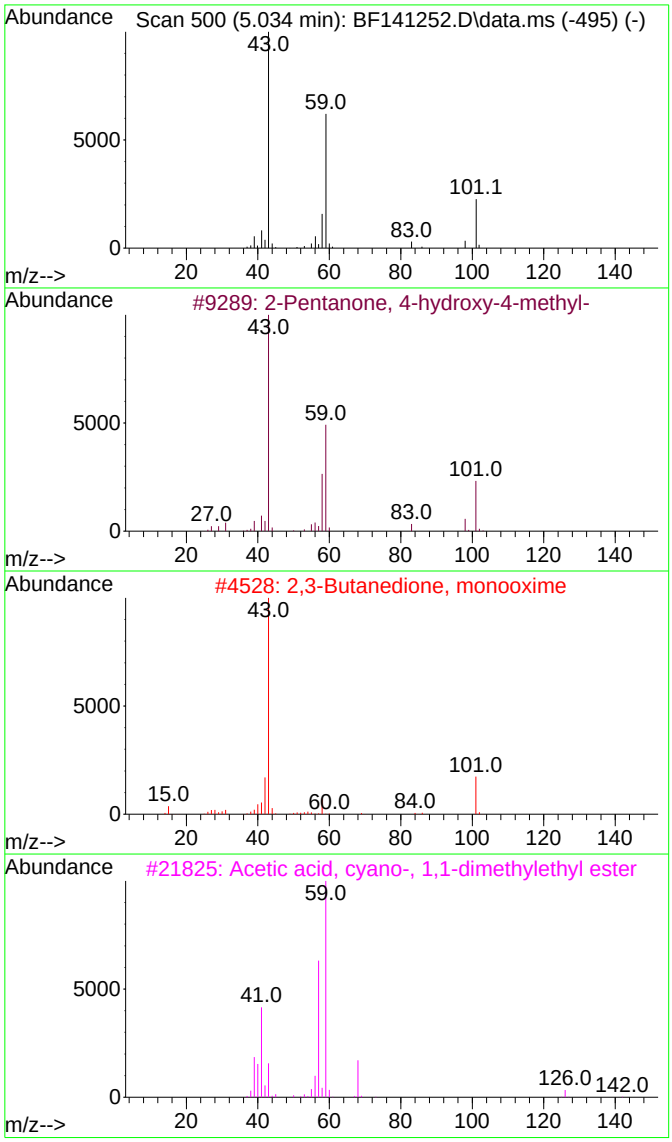
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

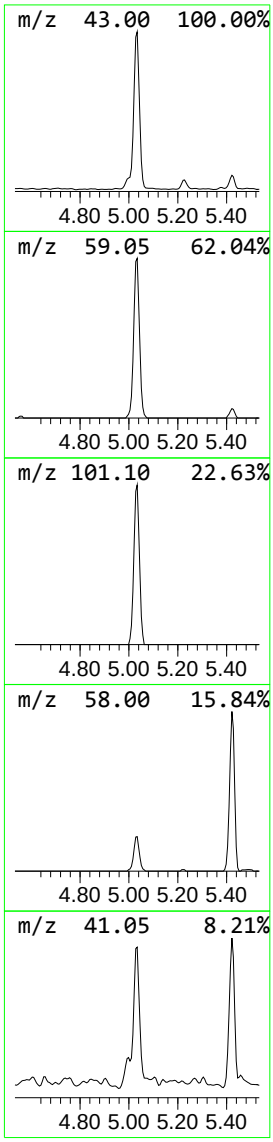
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	2.53 ng	105506	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

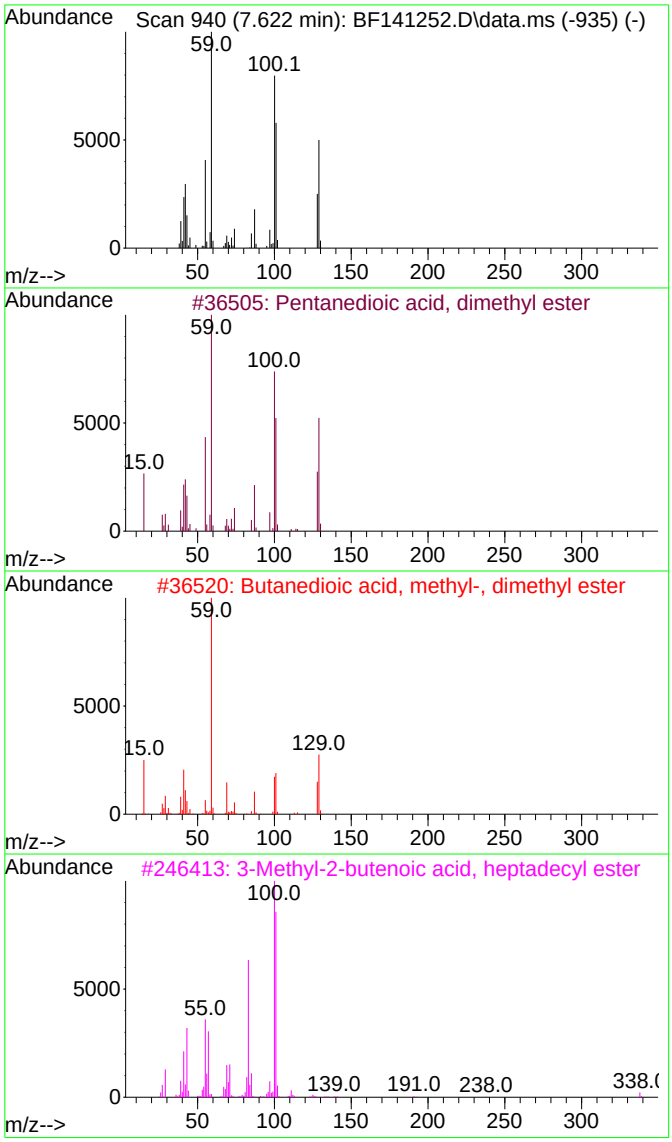
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

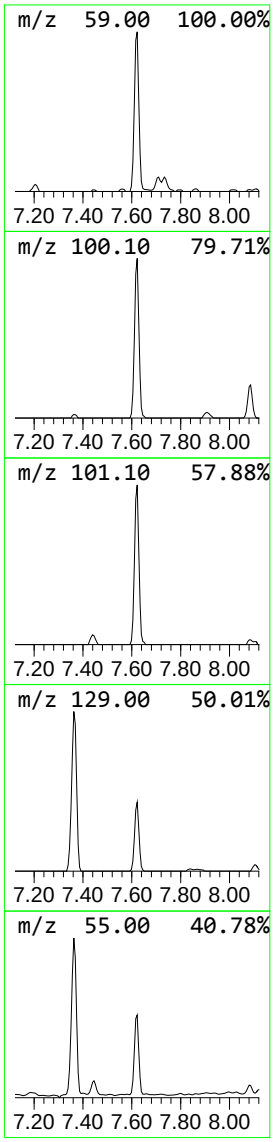
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentanedioic acid, dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.622	2.40 ng	138125	Naphthalene-d8	8.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	91
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	40
3	3-Methyl-2-butenoic acid, heptad...	338	C22H42O2	1000282-89-9	27
4	Hexanoic acid, 6-amino-6-oxo-	145	C6H11NO3	000334-25-8	25
5	2,7-Oxepanedione	128	C6H8O3	002035-75-8	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

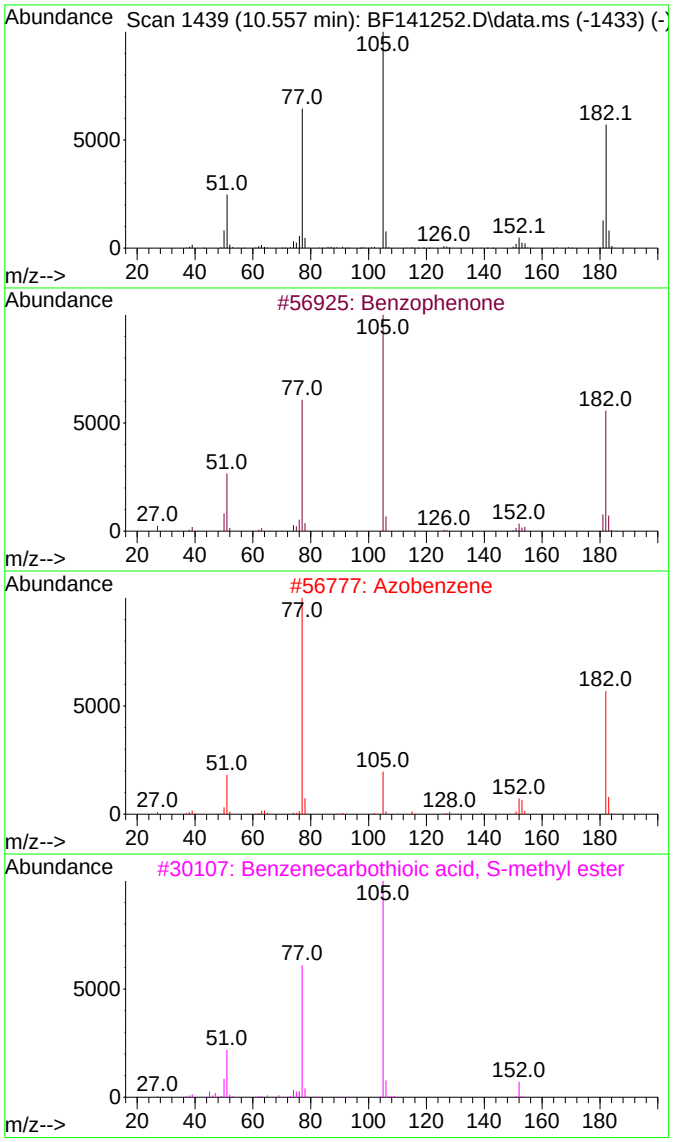
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

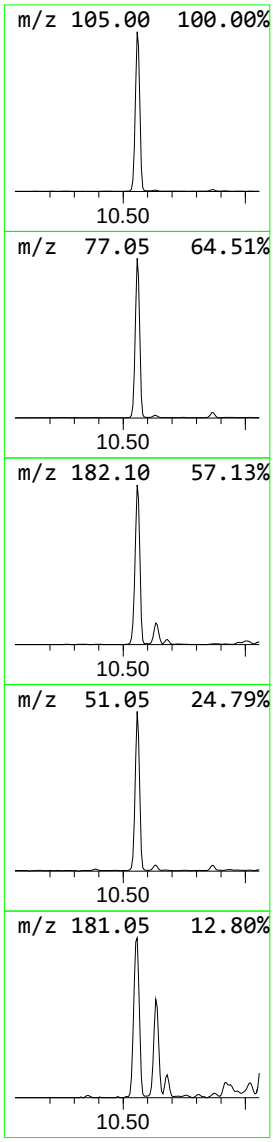
****

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	15.41 ng	1016490	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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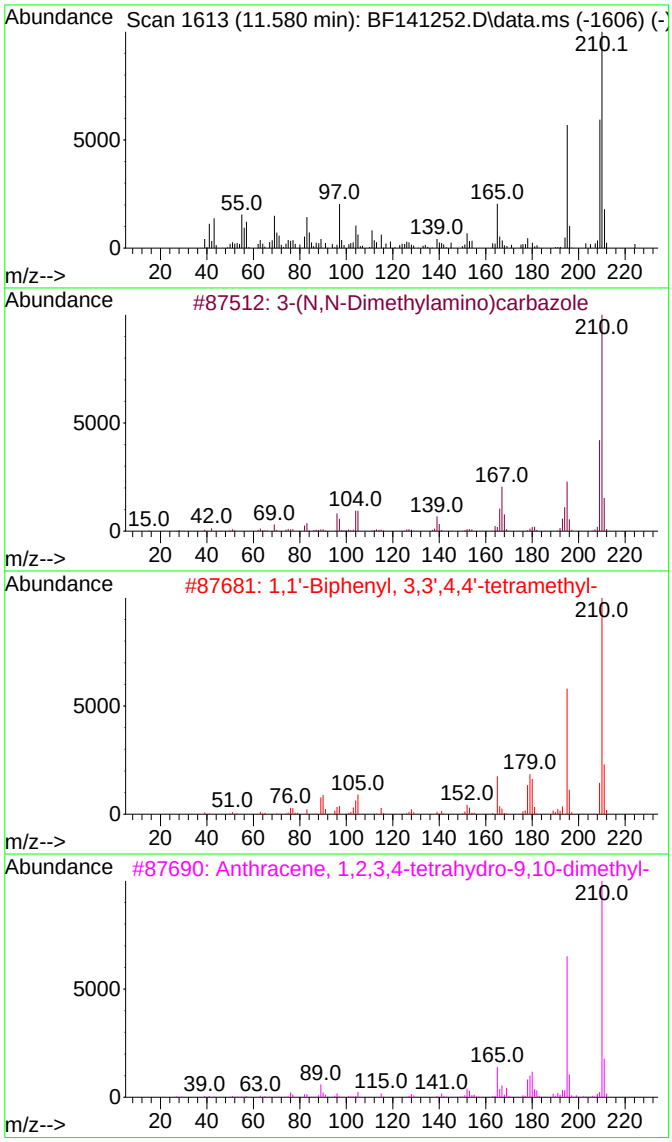
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

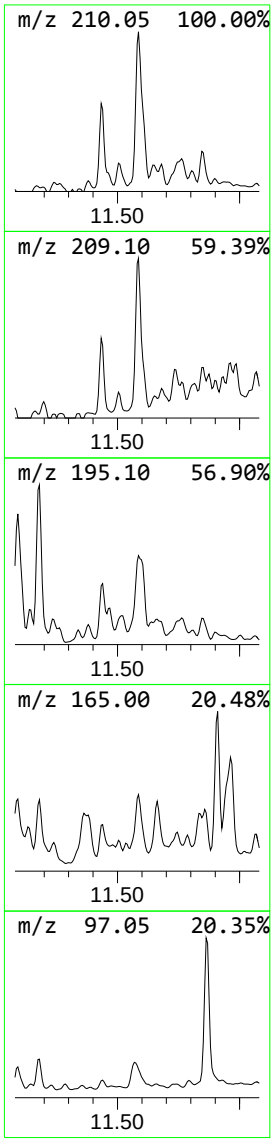
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-(N,N-Dimethylamino)carbazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.580	2.40 ng	181093	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	64
2	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	62
3	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	58
4	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	53
5	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

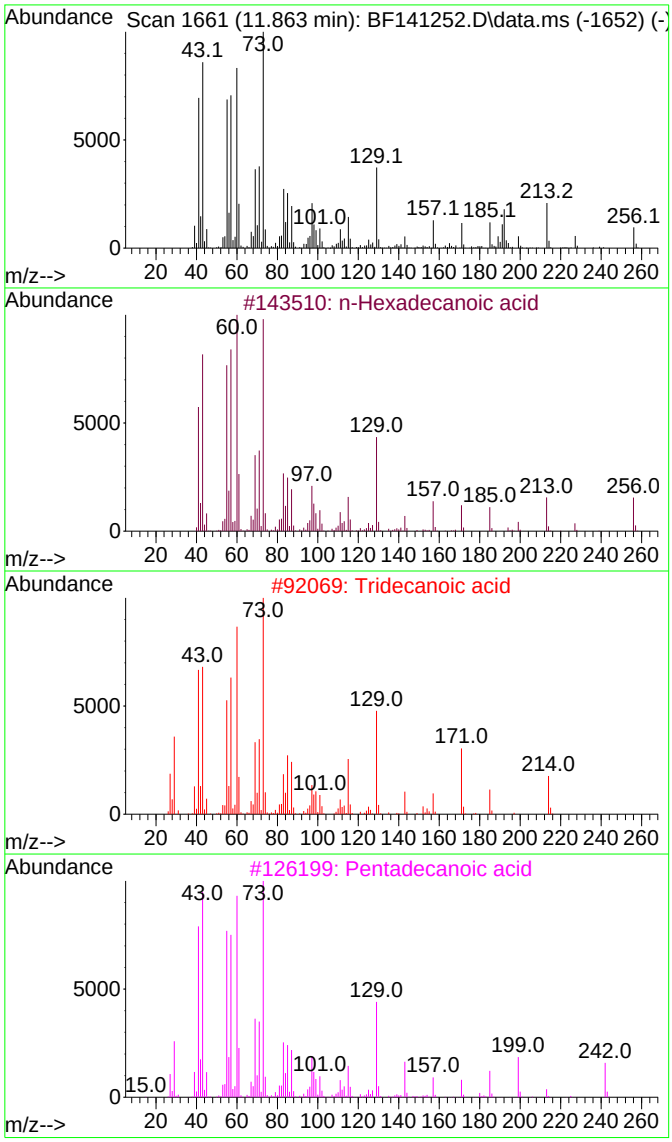
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

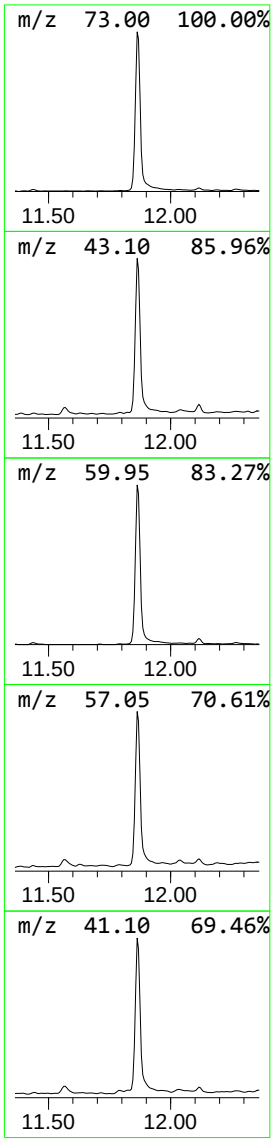
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	16.48 ng	1244150	Phenanthrene-d10	11.327

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

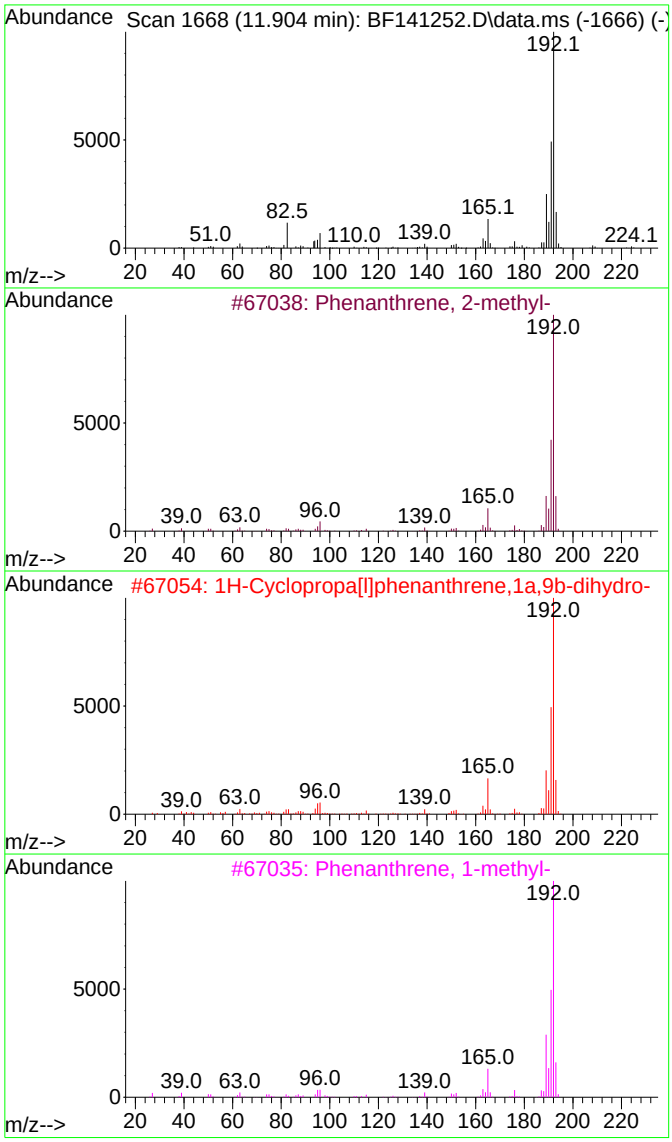
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

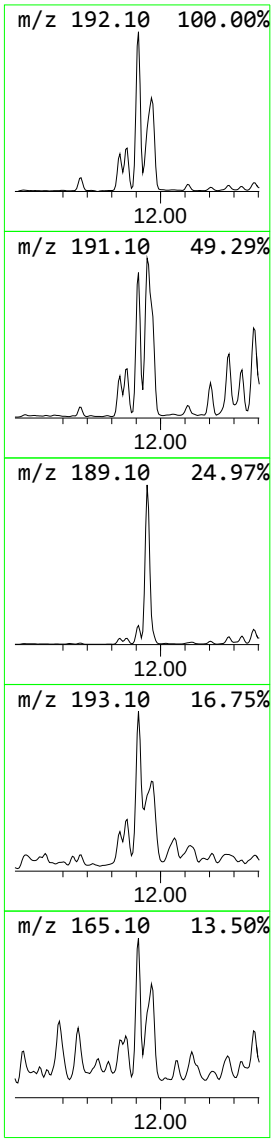
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.20 ng	241483	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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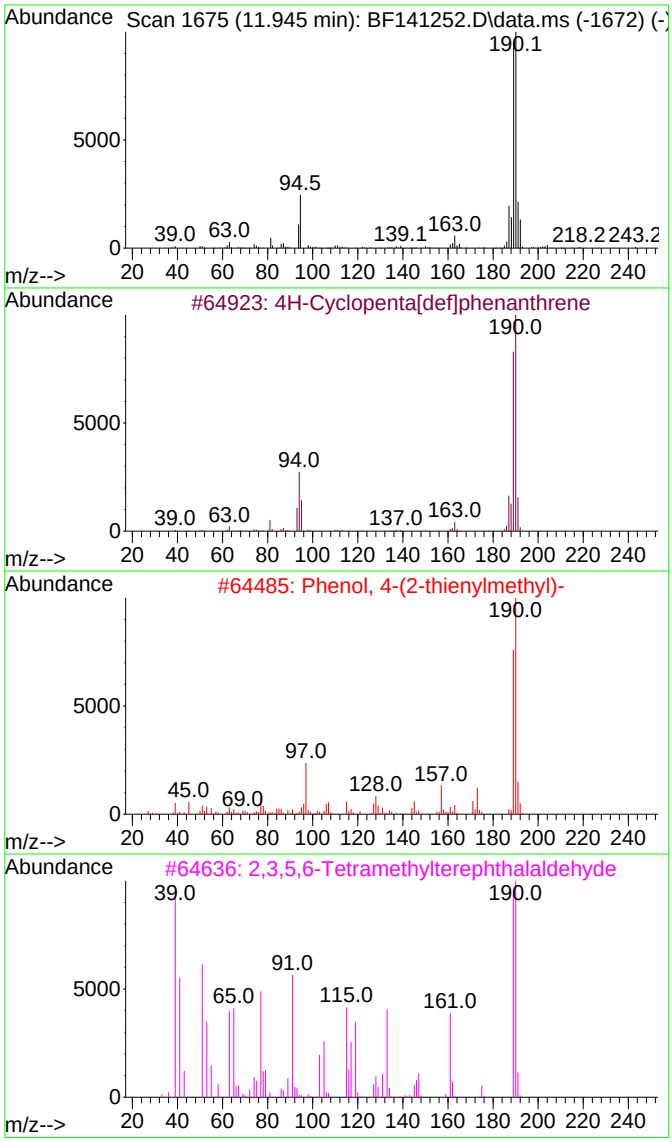
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

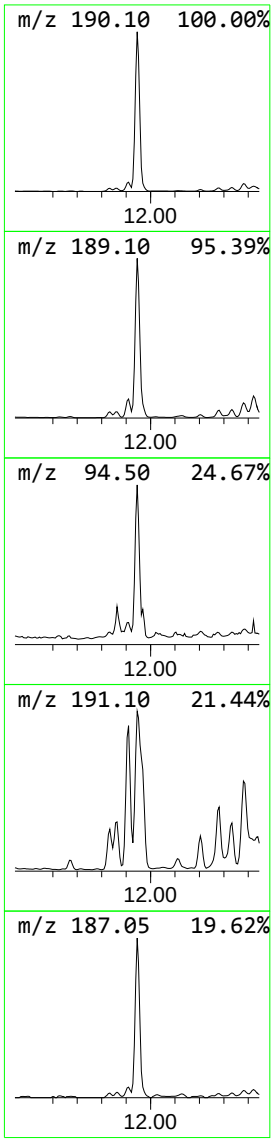
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.78 ng	662687	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

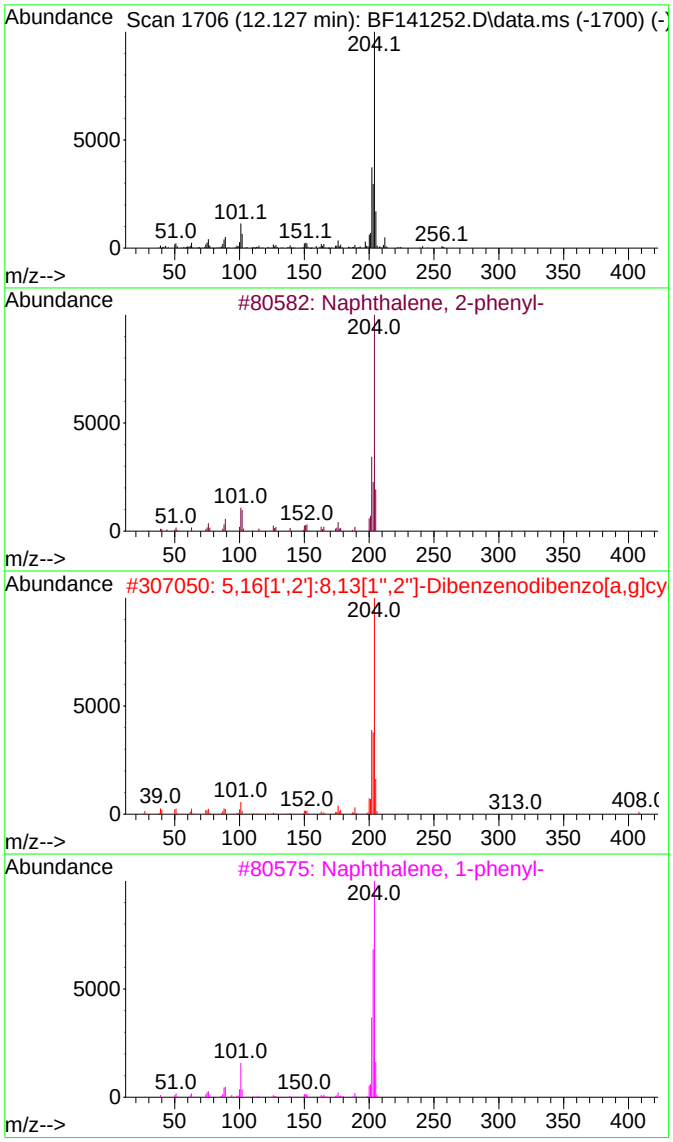
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

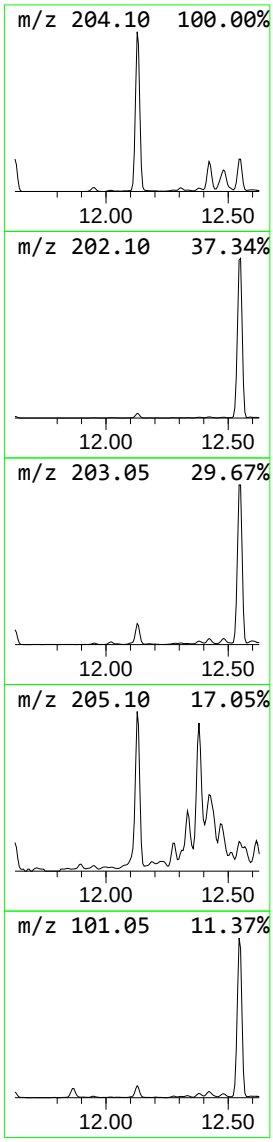
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	4.99 ng	376629	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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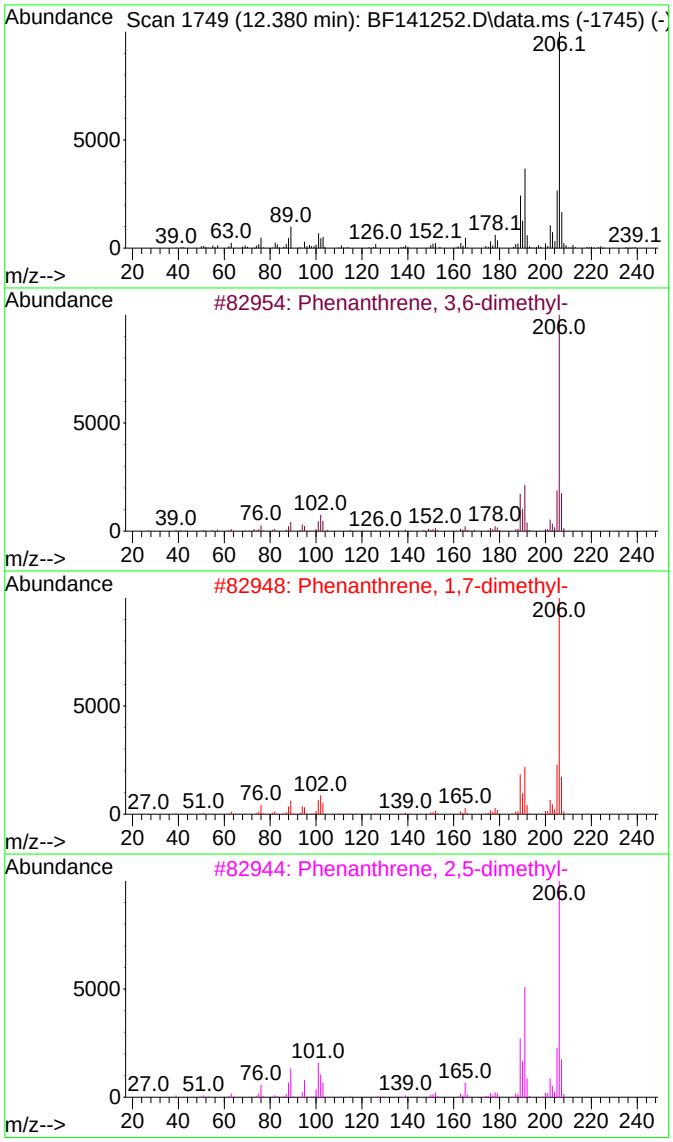
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

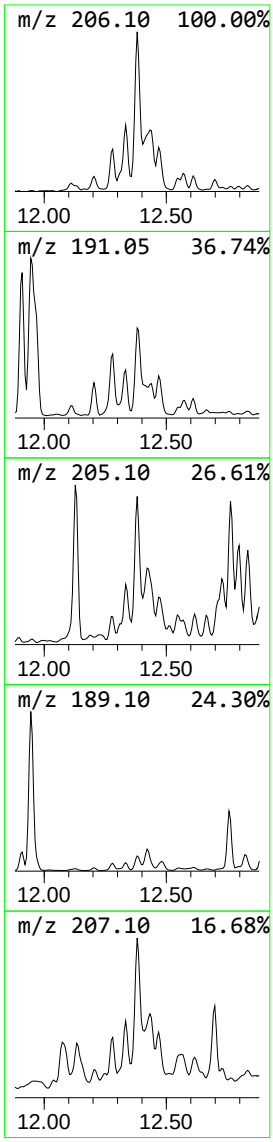
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	3.05 ng	230557	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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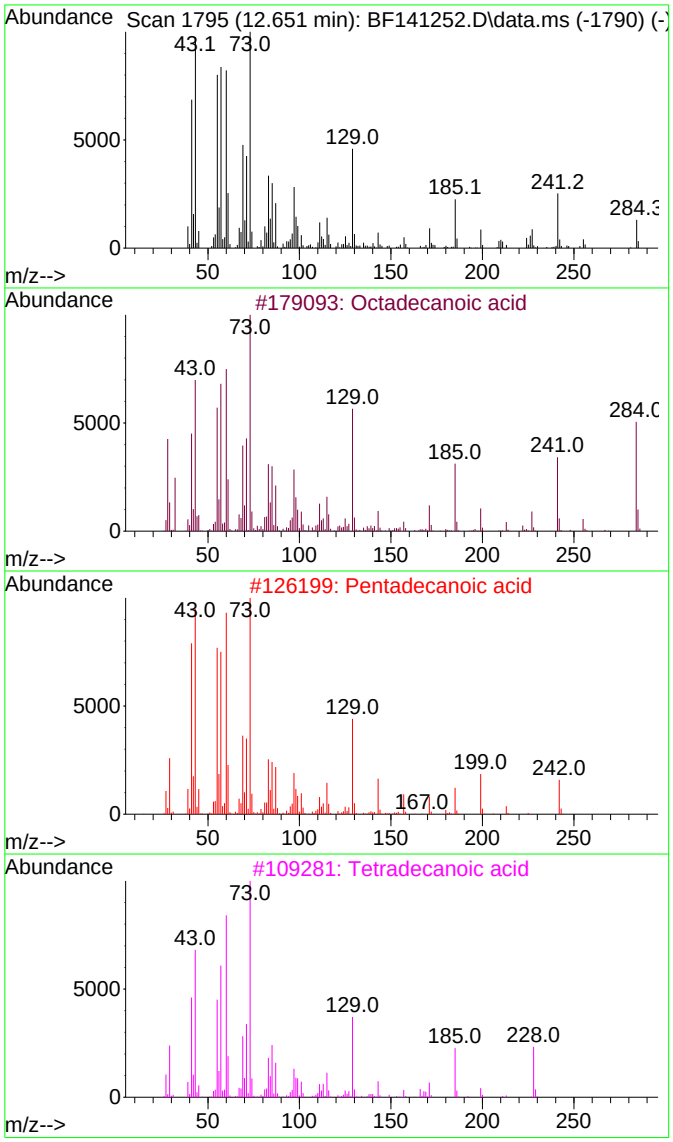
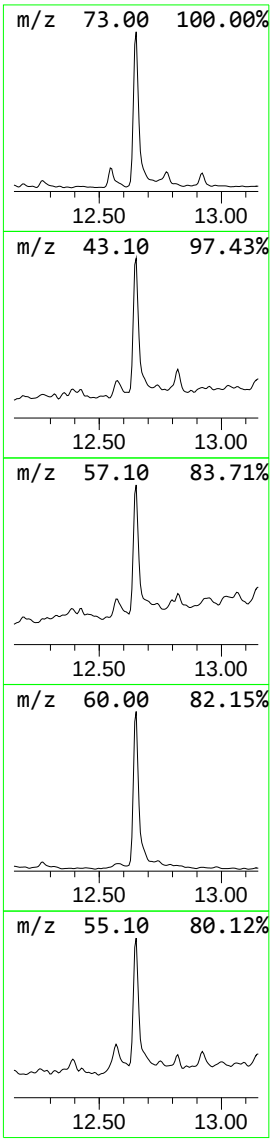
Peak Number 11 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	3.76 ng	284203	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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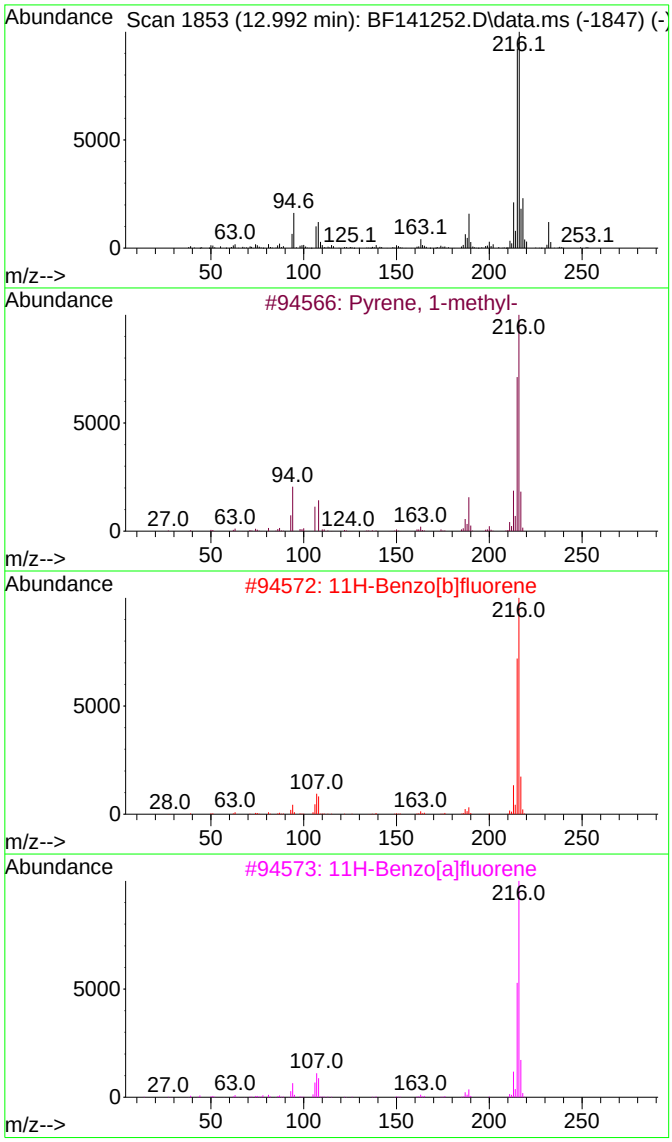
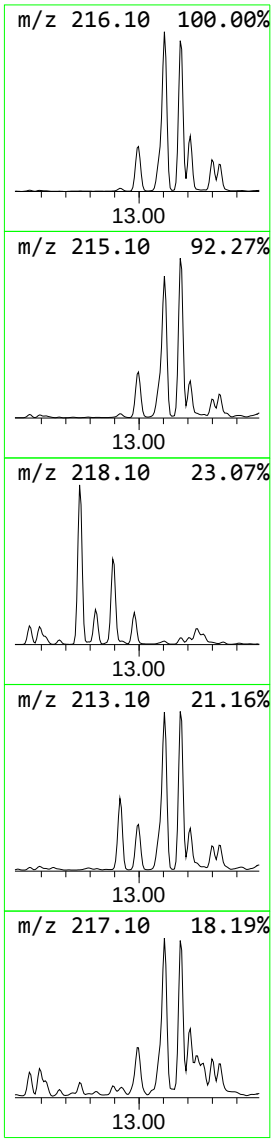
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	3.08 ng	348646	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

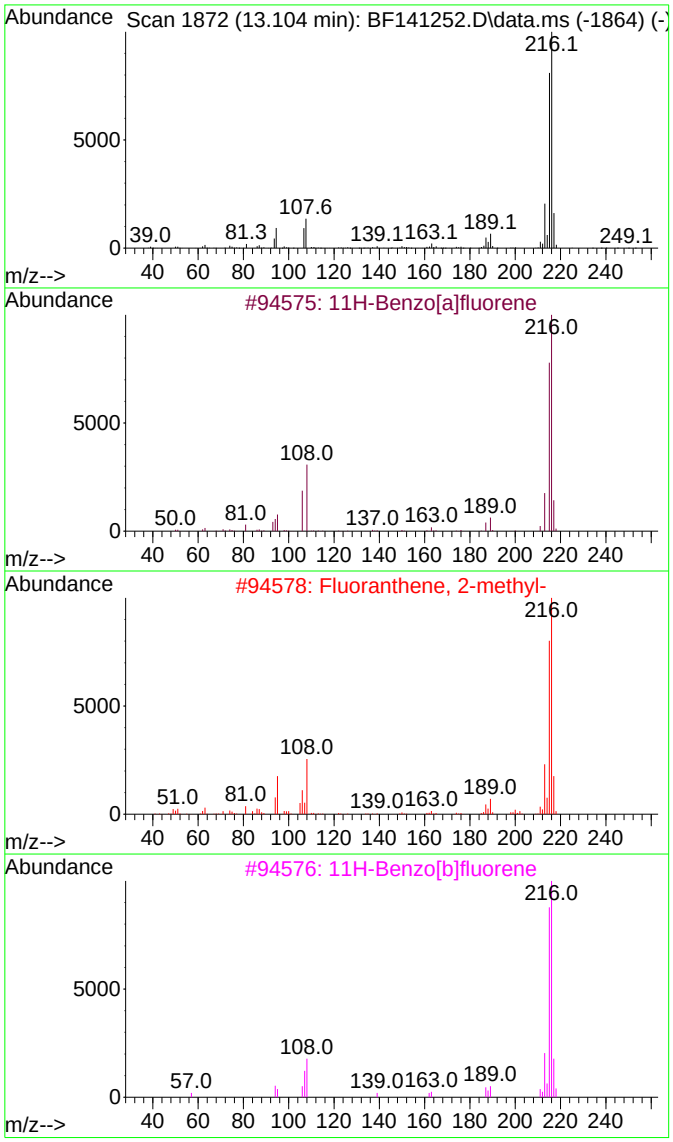
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

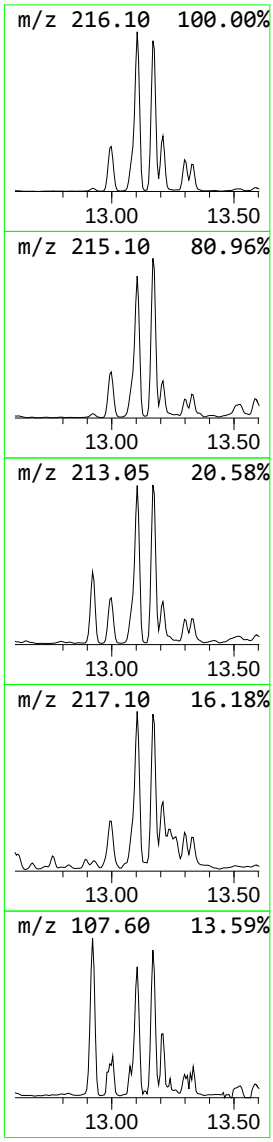
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	7.06 ng	798875	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

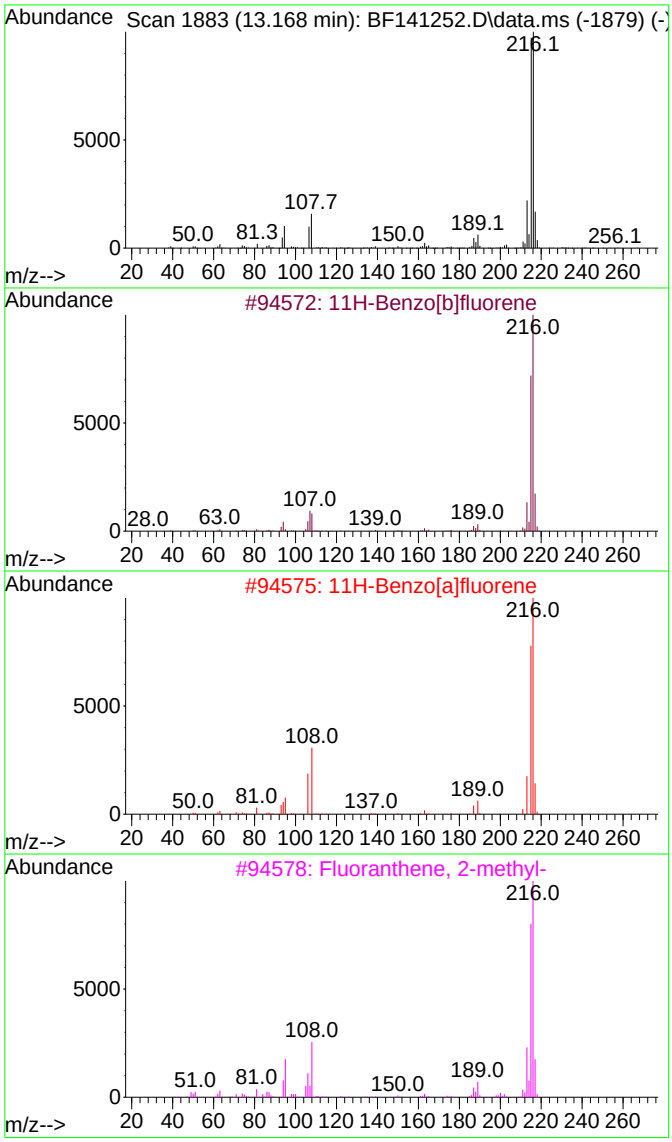
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

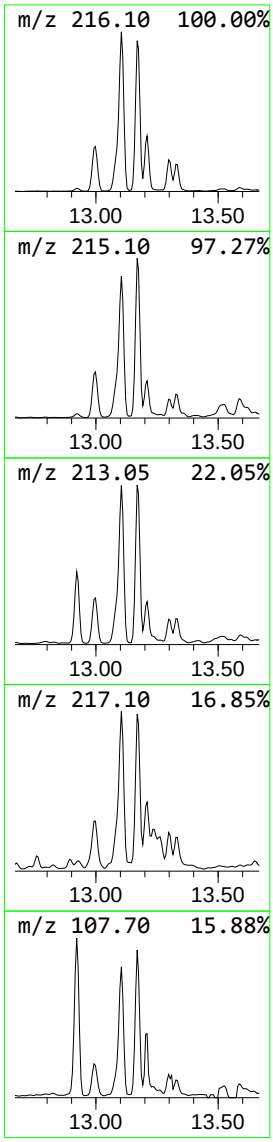
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	5.96 ng	674030	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

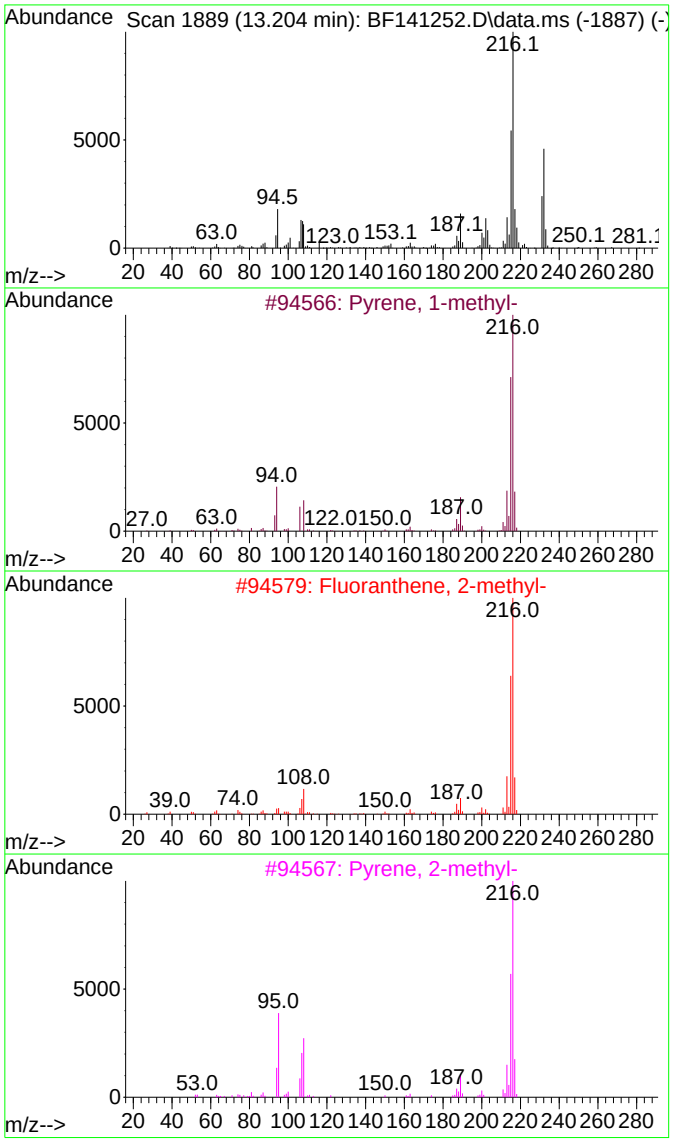
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

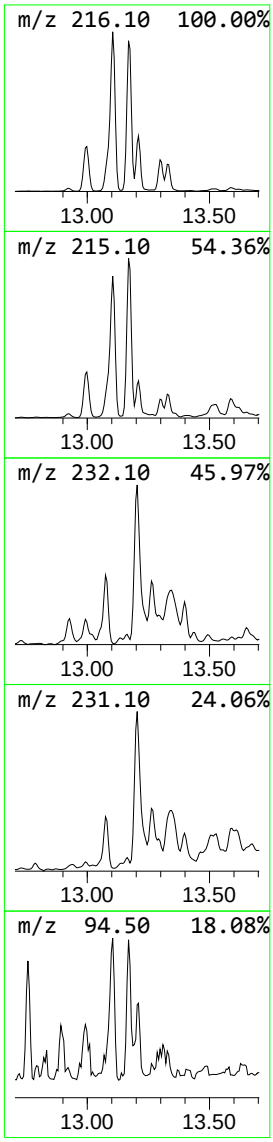
****

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.89 ng	326604	Chrysene-d12	13.980

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	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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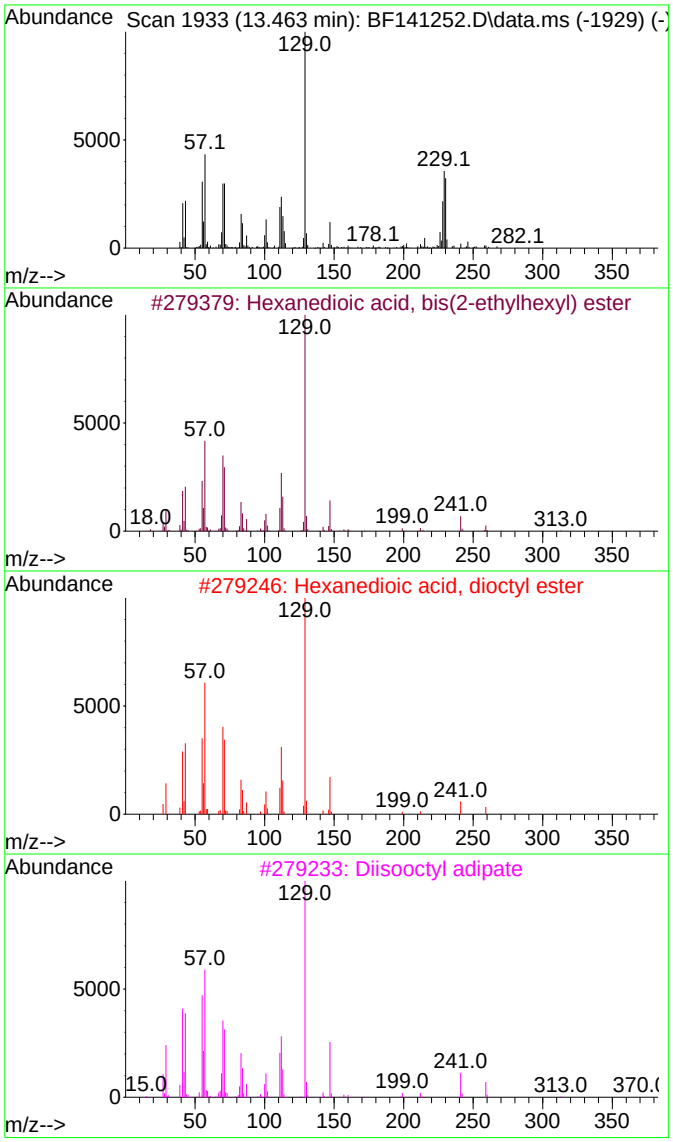
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

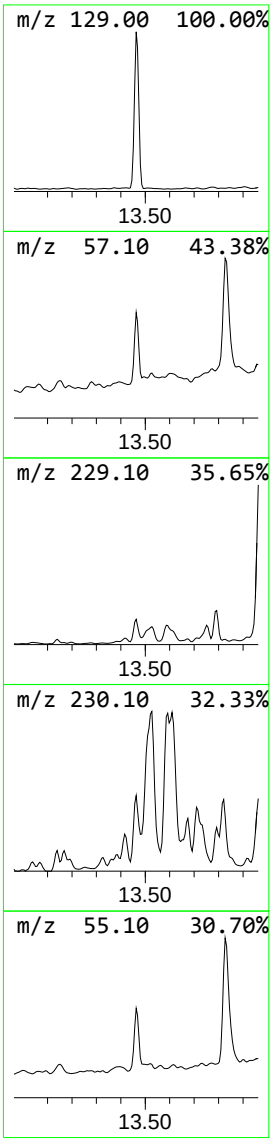
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexanedioic acid, bis(2-eth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	2.10 ng	237680	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	60
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	60
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	50
4	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	43
5	Adipic acid, di(2-hexyl) ester	314	C18H34O4	1000353-72-7	43





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Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

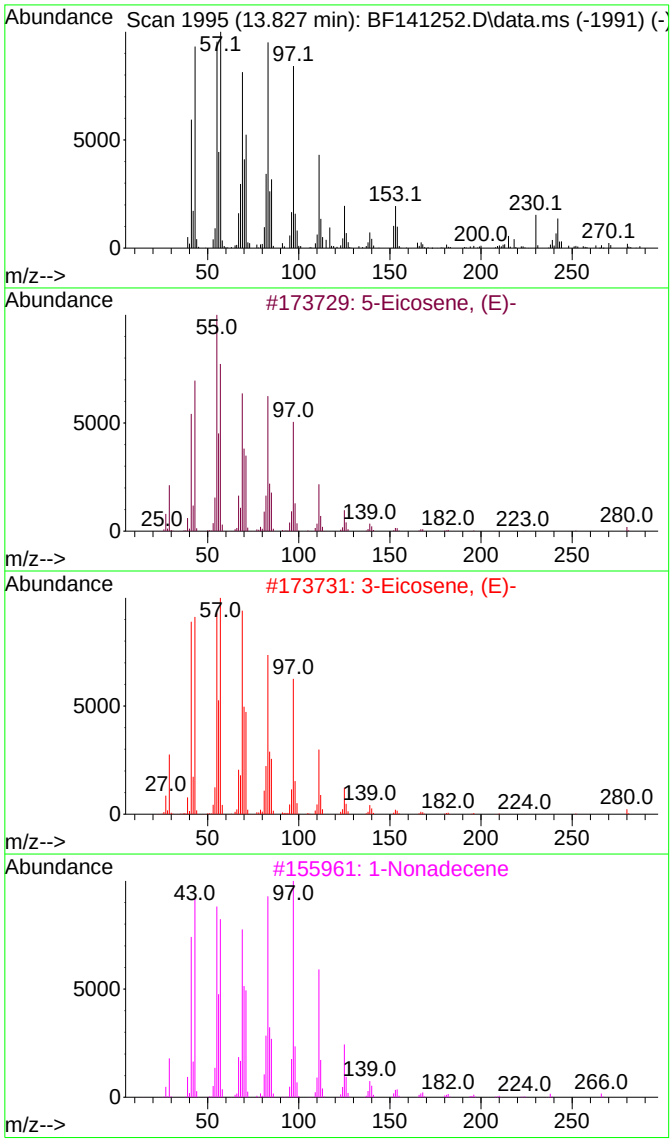
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

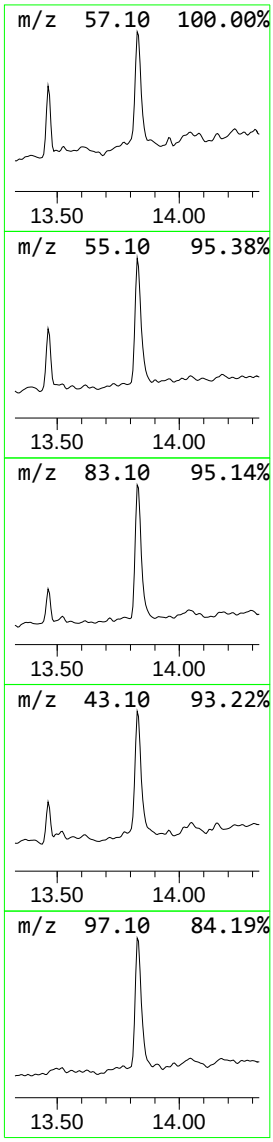
****

Peak Number 17 5-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	2.61 ng	295770	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

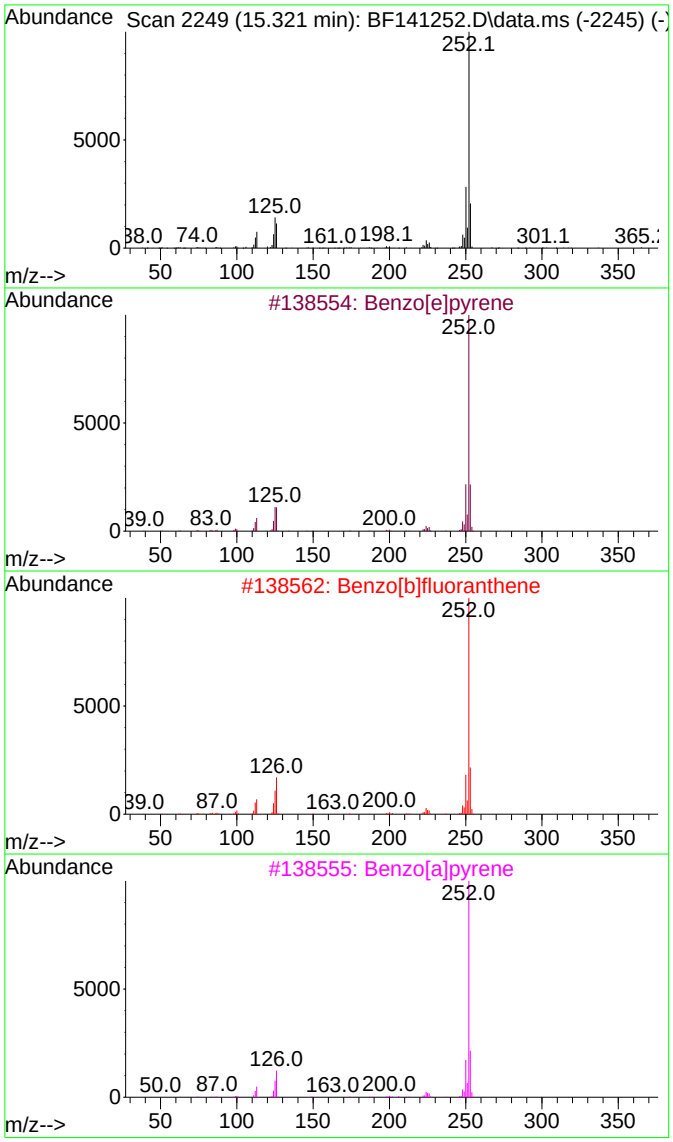
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

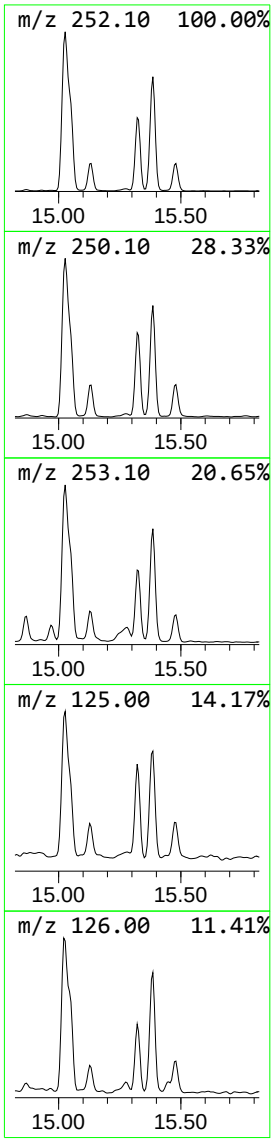
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	5.50 ng	298208	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BF141252.D
Acq On : 23 Jan 2025 16:15
Operator : RC/JU
Sample : Q1156-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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
Propane, 1,1-di...	2.193	2.2	ng	92879	1	6.804	835476	20.0
2-Pentanone, 4-...	5.034	2.5	ng	105506	1	6.804	835476	20.0
Pentanedioic ac...	7.622	2.4	ng	138125	2	8.086	1149210	20.0
Benzophenone	10.557	15.4	ng	1016490	3	9.839	1319400	20.0
3-(N,N-Dimethyl...	11.580	2.4	ng	181093	4	11.327	1510220	20.0
n-Hexadecanoic ...	11.863	16.5	ng	1244150	4	11.327	1510220	20.0
Phenanthrene, 2...	11.904	3.2	ng	241483	4	11.327	1510220	20.0
4H-Cyclopenta[d...	11.945	8.8	ng	662687	4	11.327	1510220	20.0
Naphthalene, 2-...	12.127	5.0	ng	376629	4	11.327	1510220	20.0
Phenanthrene, 3...	12.380	3.0	ng	230557	4	11.327	1510220	20.0
Octadecanoic acid	12.651	3.8	ng	284203	4	11.327	1510220	20.0
Pyrene, 1-methyl-	12.992	3.1	ng	348646	5	13.980	2263130	20.0
11H-Benzo[a]flu...	13.104	7.1	ng	798875	5	13.980	2263130	20.0
11H-Benzo[b]flu...	13.168	6.0	ng	674030	5	13.980	2263130	20.0
Fluoranthene, 2...	13.204	2.9	ng	326604	5	13.980	2263130	20.0
Hexanedioic aci...	13.463	2.1	ng	237680	5	13.980	2263130	20.0
5-Eicosene, (E)-	13.827	2.6	ng	295770	5	13.980	2263130	20.0
Benzo[e]pyrene	15.321	5.5	ng	298208	6	15.451	1085180	20.0