LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.840	294	298	302	rVB	13908	19387	1.20%	0.119%
2	4.099	335	342	347	rBV	17157	26281	1.63%	0.161%
3	4.440	397	400	405	rVB3	19356	26409	1.64%	0.162%
4	4.846	461	469	474	rBV2	16108	20796	1.29%	0.128%
5	4.922	474	482	484	rBV5	20910	38756	2.40%	0.238%
6	4.951	484	487	490	rVB	32955	32809	2.03%	0.201%
7	5.022	492	499	505	rBV	534008	683138	42.34%	4.191%
8	5.210	526	531	534	rBV2	38226	43746	2.71%	0.268%
9	5.293	540	545	547	rBV2	19261	21653	1.34%	0.133%
10	5.393	559	562	564	rBV	34742	30255	1.88%	0.186%
11	5.428	564	568	572	rBV	1591333	1503507	93.19%	9.224%
12	5.575	589	593	597	rBV3	17940	27213	1.69%	0.167%
13	5.616	597	600	603	rVB	27732	24323	1.51%	0.149%
14	5.657	603	607	610	rBV3	15817	20107	1.25%	0.123%
15	5.710	613	616	620	rVB	39449	38020	2.36%	0.233%
16	5.828	630	636	639	rBV2	20102	26995	1.67%	0.166%
17	6.451	737	742	745	rBV	1562166	1518174	94.10%	9.314%
18	6.816	800	804	808	rVB	522541	411472	25.50%	2.524%
19	7.387	896	901	904	rBV	1180592	1007179	62.43%	6.179%
20	8.104	1017	1023	1026	rBV	542273	502332	31.13%	3.082%
21	9.186	1202	1207	1210	rBV	2030682	1613422	100.00%	9.898%
22	9.522	1261	1264	1267	rBV	21342	20414	1.27%	0.125%
23	9.869	1317	1323	1326	rBV	594716	492896	30.55%	3.024%
24	9.898	1326	1328	1332	rVB	45062	33542	2.08%	0.206%
25	10.069	1353	1357	1362	rBV	31688	27861	1.73%	0.171%
26	10.416	1412	1416	1422	rVB2	29569	32202	2.00%	0.198%
27	10.581	1440	1444	1450	rVB2	26309	32152	1.99%	0.197%
28	10.657	1453	1457	1461	rBV	939087	845627	52.41%	5.188%
29	10.780	1474	1478	1482	rVB3	30796	40650	2.52%	0.249%
30	10.969	1504	1510	1512	rBV4	13555	21773	1.35%	0.134%
31	11.092	1526	1531	1533	rBV3	22329	26662	1.65%	0.164%
32	11.163	1541	1543	1547	rBV	28487	25728	1.59%	0.158%
33	11.216	1547	1552	1556	rVV5	28640	41159	2.55%	0.253%
34	11.257	1556	1559	1564	rVB2	25045	25533	1.58%	0.157%
35	11.357	1573	1576	1579	rBV	456736	448188	27.78%	2.750%
36	11.380	1579	1580	1584	rVV	294204	223061	13.83%	1.368%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.433	1587	1589	1592	rVB	75282	58264	3.61%	0.357%
38	11.592	1609	1616	1623	rBV3	30735	54386	3.37%	0.334%
39	11.692	1630	1633	1638	rVB4	18467	20259	1.26%	0.124%
40	11.863	1657	1662	1664	rBV	68475	66166	4.10%	0.406%
41	11.892	1664	1667	1671	rVV	140715	132686	8.22%	0.814%
42	11.939	1671	1675	1678	rVV	34784	41014	2.54%	0.252%
43	11.975	1678	1681	1683	rVV2	88645	99465	6.16%	0.610%
44	11.998	1683	1685	1687	rVV	60935	45862	2.84%	0.281%
45	12.022	1687	1689	1692	rVV	93225	78394	4.86%	0.481%
46	12.057	1692	1695	1699	rVV5	22802	27617	1.71%	0.169%
47	12.098	1699	1702	1705	rVV3	34195	30860	1.91%	0.189%
48	12.157	1707	1712	1715	rVV	46018	58307	3.61%	0.358%
49	12.186	1715	1717	1720	rVV2	36535	33195	2.06%	0.204%
50	12.216	1720	1722	1724	rVB2	26103	20156	1.25%	0.124%
51	12.304	1732	1737	1741	rBV4	47999	59796	3.71%	0.367%
52	12.416	1752	1756	1759	rBV	60250	73727	4.57%	0.452%
53	12.451	1759	1762	1764	rVV3	47814	56165	3.48%	0.345%
54	12.504	1768	1771	1775	rBV2	39567	46359	2.87%	0.284%
55	12.580	1780	1784	1787	rBV	427375	369417	22.90%	2.266%
56	12.616	1788	1790	1793	rBV3	25835	24443	1.51%	0.150%
57	12.692	1801	1803	1804	rBV	26992	19719	1.22%	0.121%
58	12.710	1804	1806	1808	rVB3	62870	44172	2.74%	0.271%
59	12.810	1817	1823	1828	rBV	441188	480401	29.78%	2.947%
60	12.863	1828	1832	1836	rVB2	37991	53983	3.35%	0.331%
61	12.927	1839	1843	1844	rBV2	32570	39480	2.45%	0.242%
62	12.951	1844	1847	1853	rVB	1306593	1140958	70.72%	7.000%
63	13.027	1856	1860	1865	rBV4	49865	84711	5.25%	0.520%
64	13.086	1867	1870	1872	rBV	63442	46346	2.87%	0.284%
65	13.110	1872	1874	1876	rBV2	36946	40595	2.52%	0.249%
66	13.133	1876	1878	1881	rVB	62370	65512	4.06%	0.402%
67	13.180	1883	1886	1888	rBV2	31885	30017	1.86%	0.184%
68	13.204	1888	1890	1892	rVB	35409	26178	1.62%	0.161%
69	13.239	1892	1896	1899	rBV2	82934	91150	5.65%	0.559%
70	13.333	1910	1912	1915	rVB	44275	37416	2.32%	0.230%
71	13.363	1915	1917	1921	rBV	46751	48939	3.03%	0.300%
72	13.457	1930	1933	1935	rVB2	28225	31449	1.95%	0.193%
73	13.521	1942	1944	1948	rBV	35831	38088	2.36%	0.234%
74	13.651	1963	1966	1970	rVB	53723	58829	3.65%	0.361%
75	13.757	1982	1984	1987	rBV2	42706	41846	2.59%	0.257%
76	13.786	1987	1989	1991	rVV	37234	26980	1.67%	0.166%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.810	1991	1993	1995	rVV2	26243	25864	1.60%	0.159%
78	13.857	1997	2001	2009	rVB3	171753	253836	15.73%	1.557%
79	14.010	2022	2027	2030	rBV2	451811	595674	36.92%	3.654%
80	14.039	2030	2032	2035	rVV	217163	169559	10.51%	1.040%
81	14.110	2039	2044	2048	rBV	256445	291918	18.09%	1.791%
82	14.174	2052	2055	2059	rVB4	38019	50812	3.15%	0.312%
83	14.404	2091	2094	2096	rVB	59974	56414	3.50%	0.346%
84	14.433	2097	2099	2102	rBV	37201	33902	2.10%	0.208%
85	14.480	2104	2107	2111	rVV6	39817	61534	3.81%	0.377%
86	14.774	2154	2157	2164	rBV2	129676	171817	10.65%	1.054%
87	15.057	2202	2205	2209	rBV	135800	202906	12.58%	1.245%
88	15.368	2255	2258	2262	rVB	83945	90696	5.62%	0.556%
89	15.427	2265	2268	2275	rVB	125155	153819	9.53%	0.944%
90	15.492	2275	2279	2290	rBV2	214040	325035	20.15%	1.994%

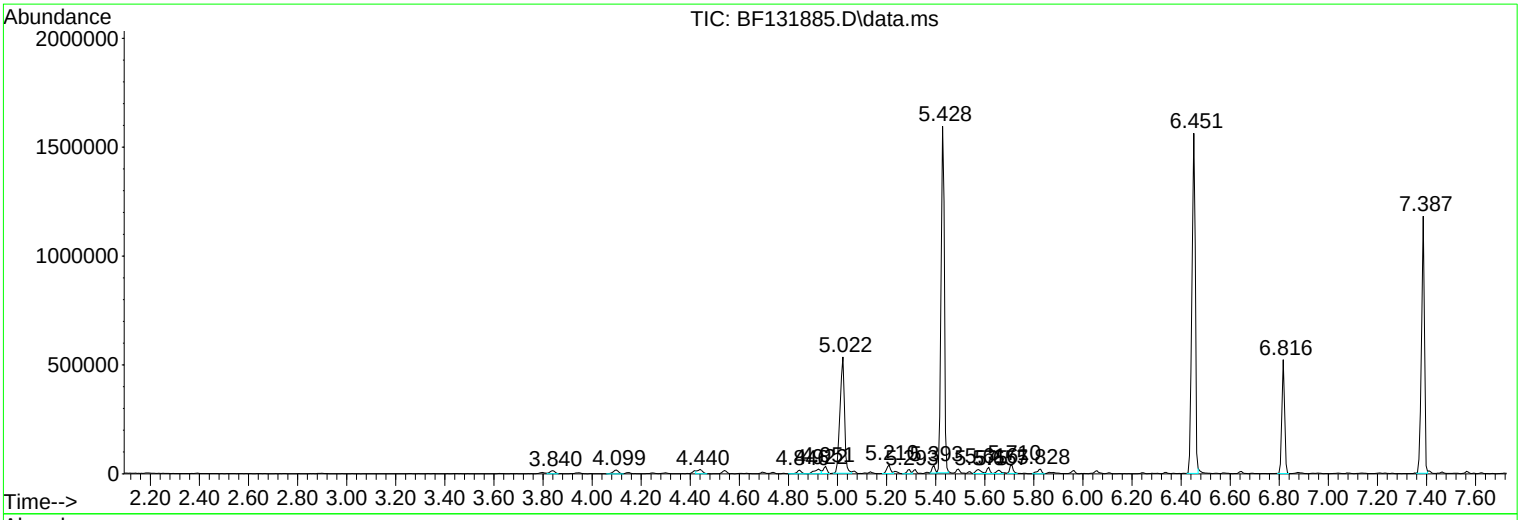
Sum of corrected areas: 16300515

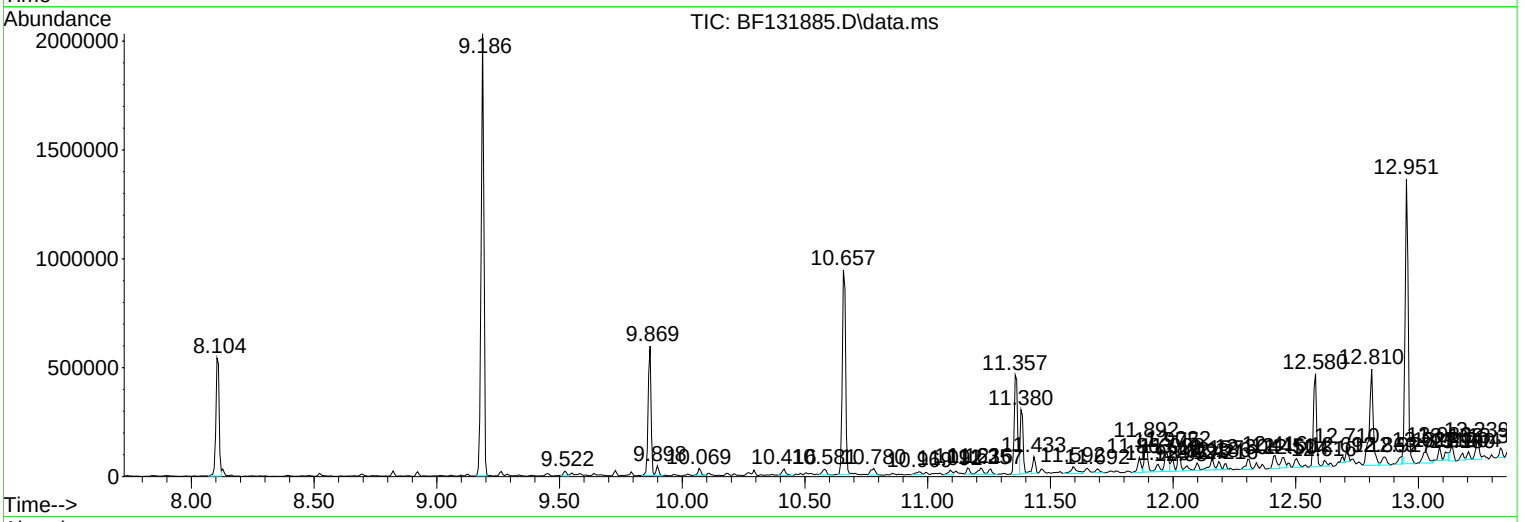
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

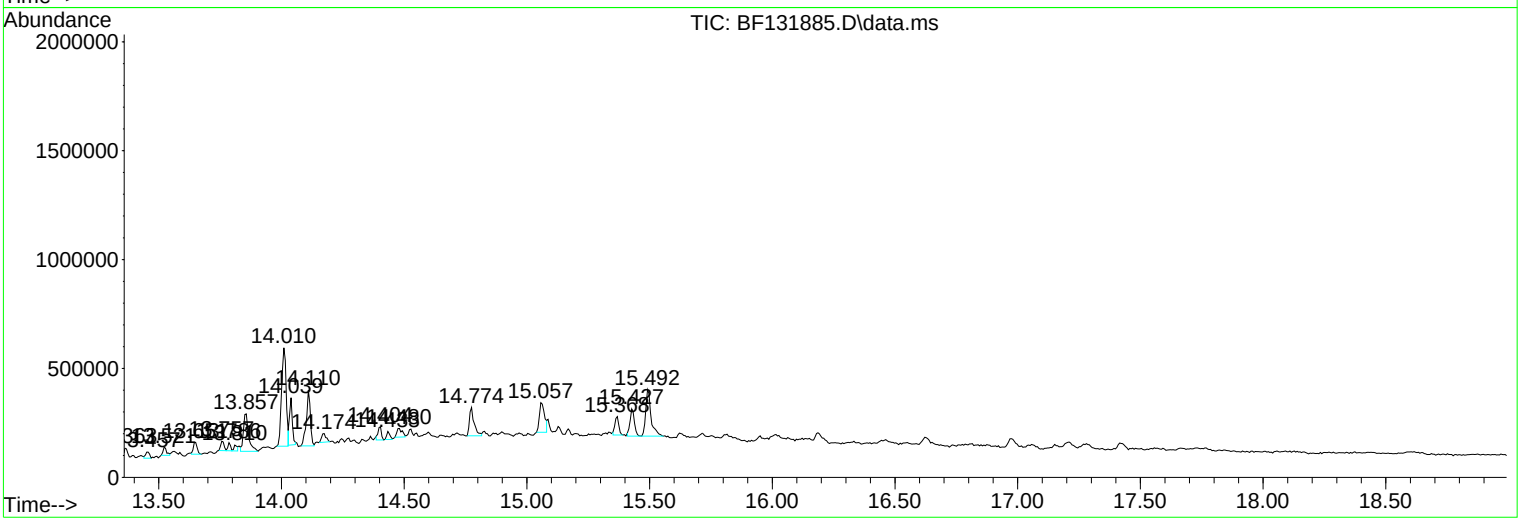
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
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Instrument :
BNA_F
ClientSampleId :
TP-4

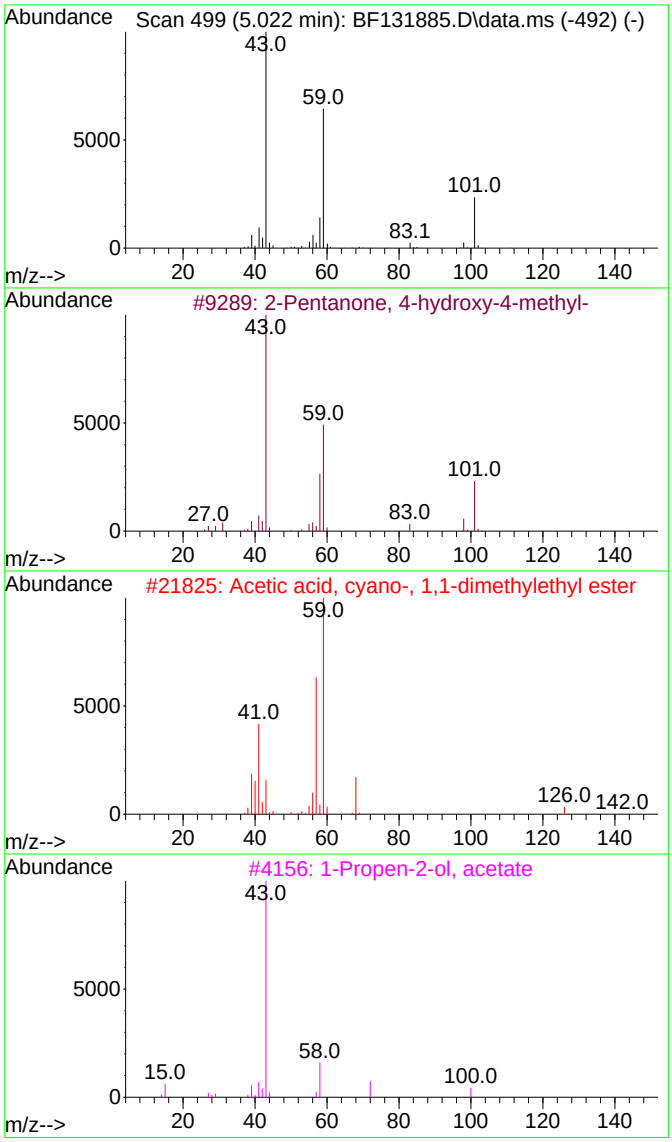
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

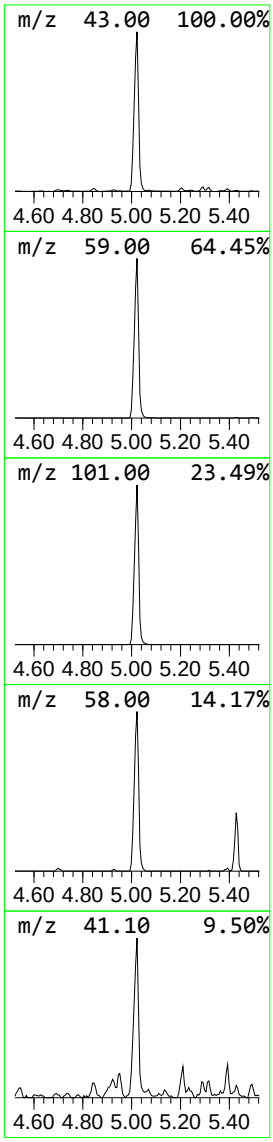
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	33.20 ng	683138	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

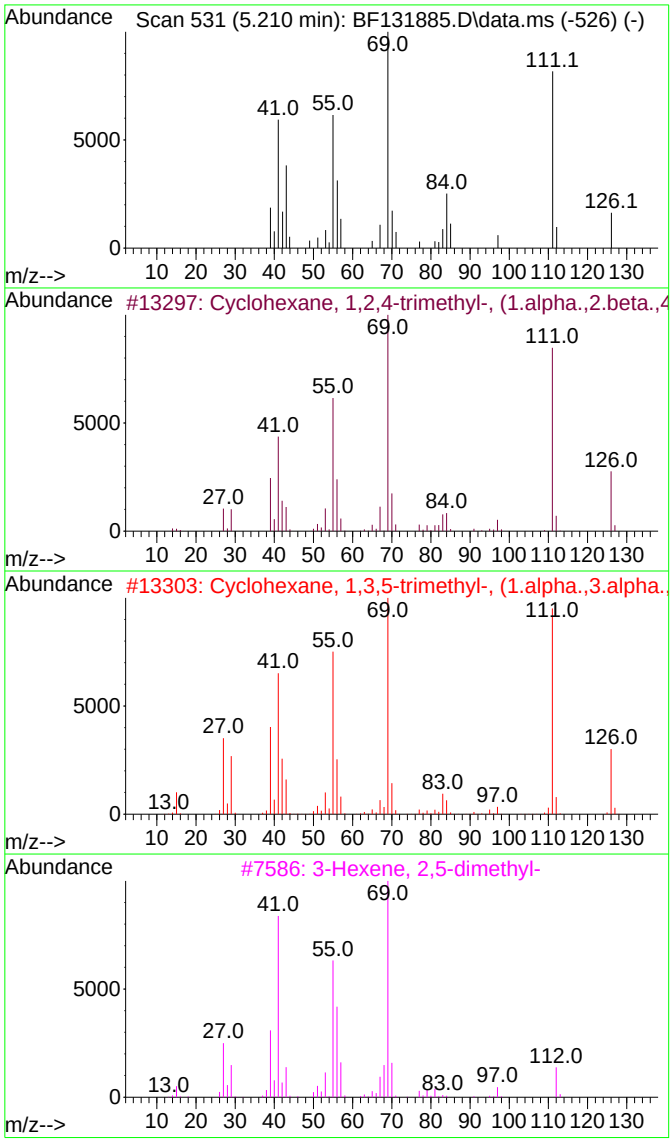
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

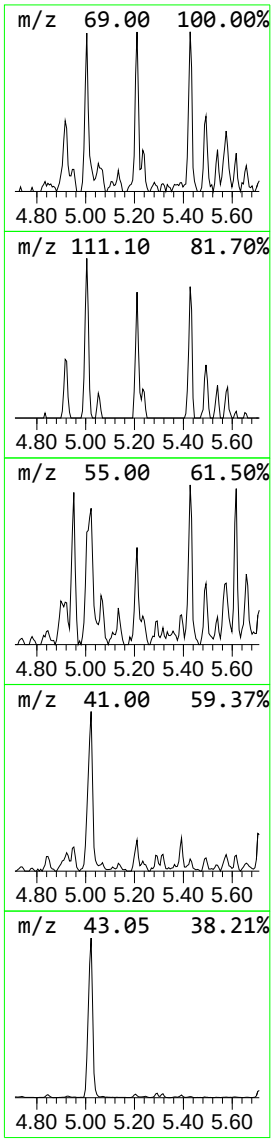
****

Peak Number 2 Cyclohexane, 1,2,4-trimethy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	2.13 ng	43746	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	74
3	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	50
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	45
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

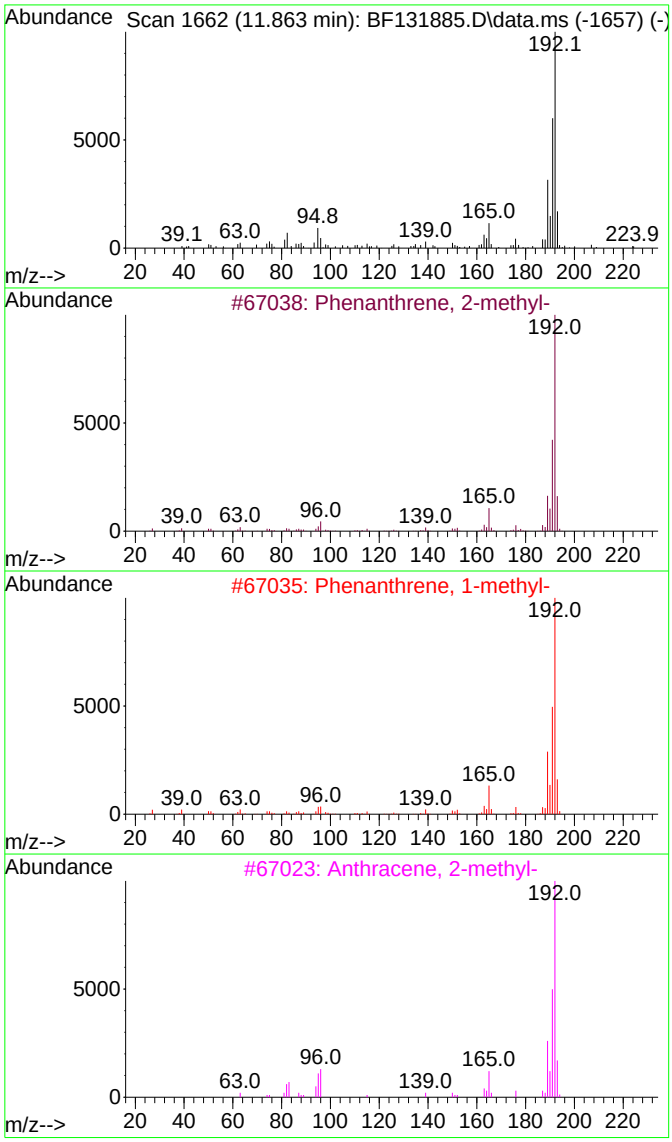
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

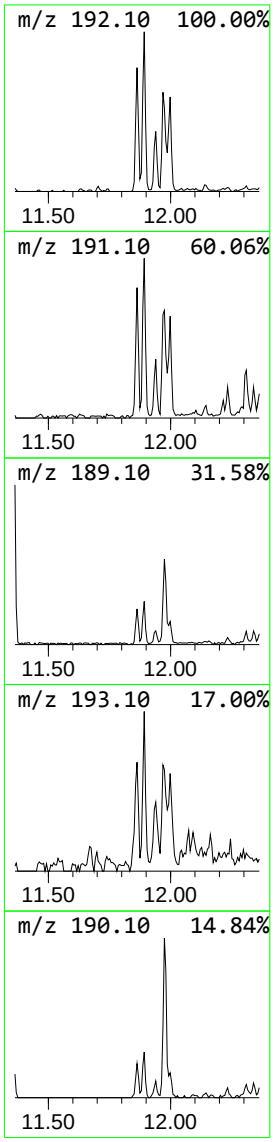
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.95 ng	66166	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

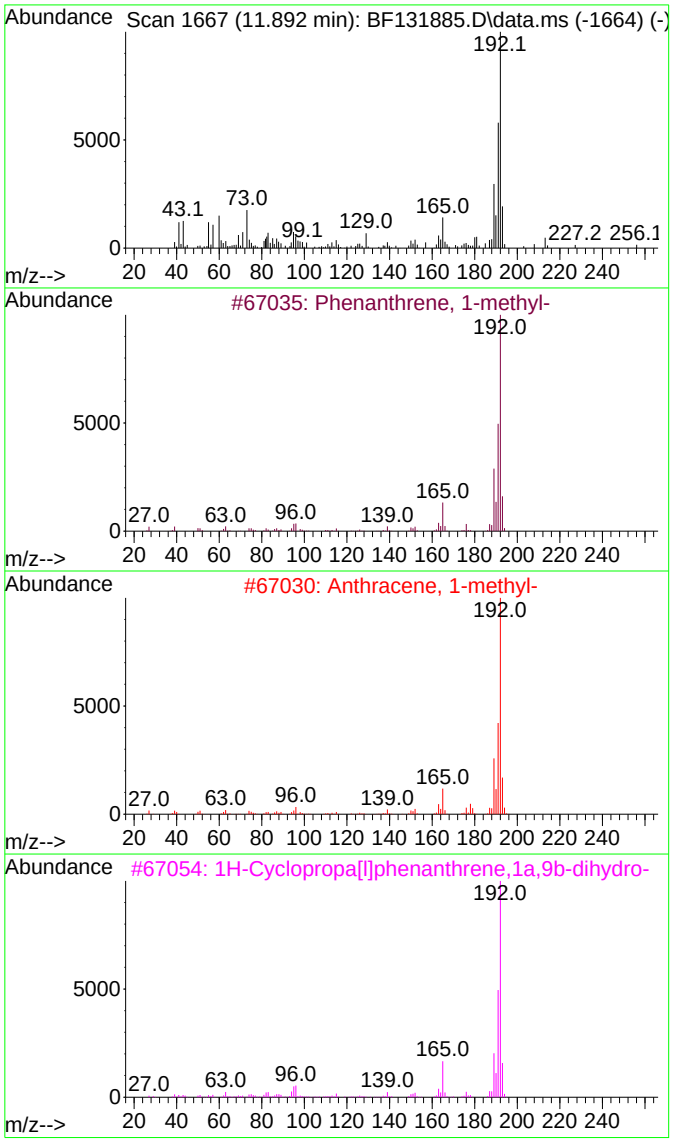
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

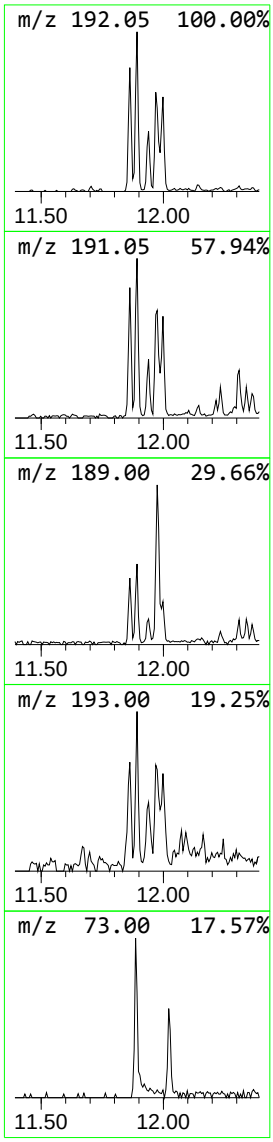
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.92 ng	132686	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

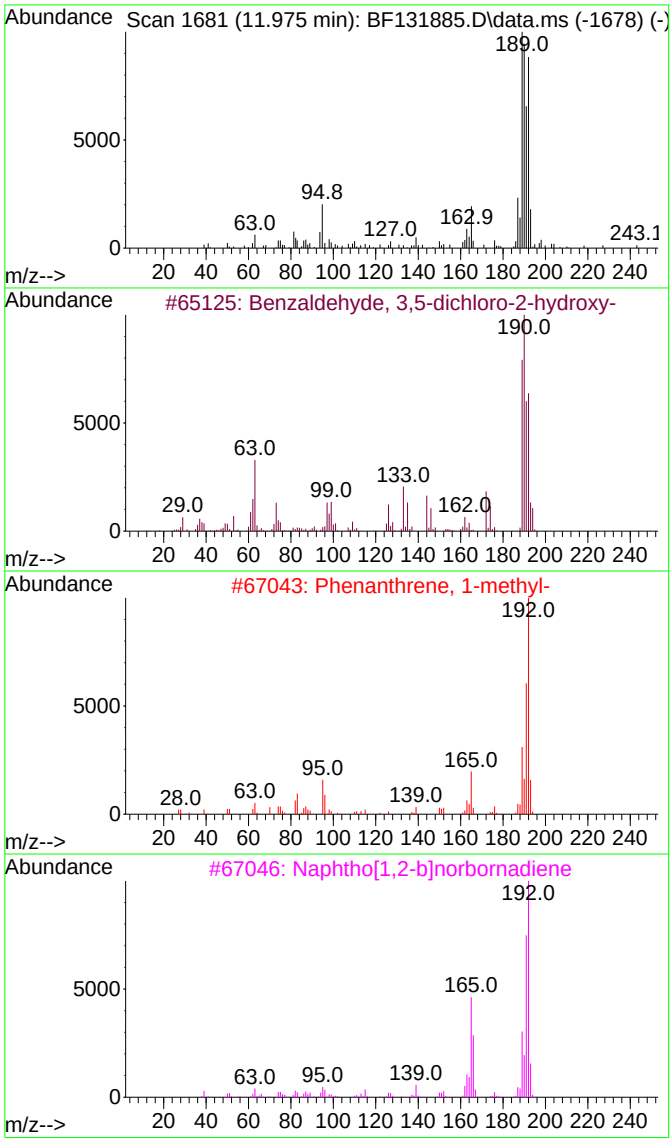
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

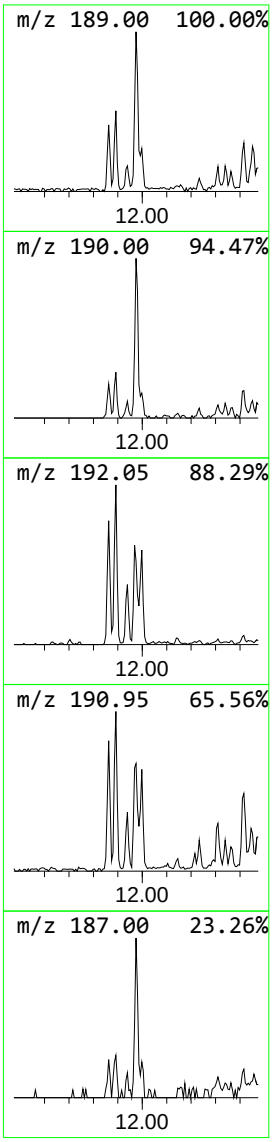
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	4.44 ng	99465	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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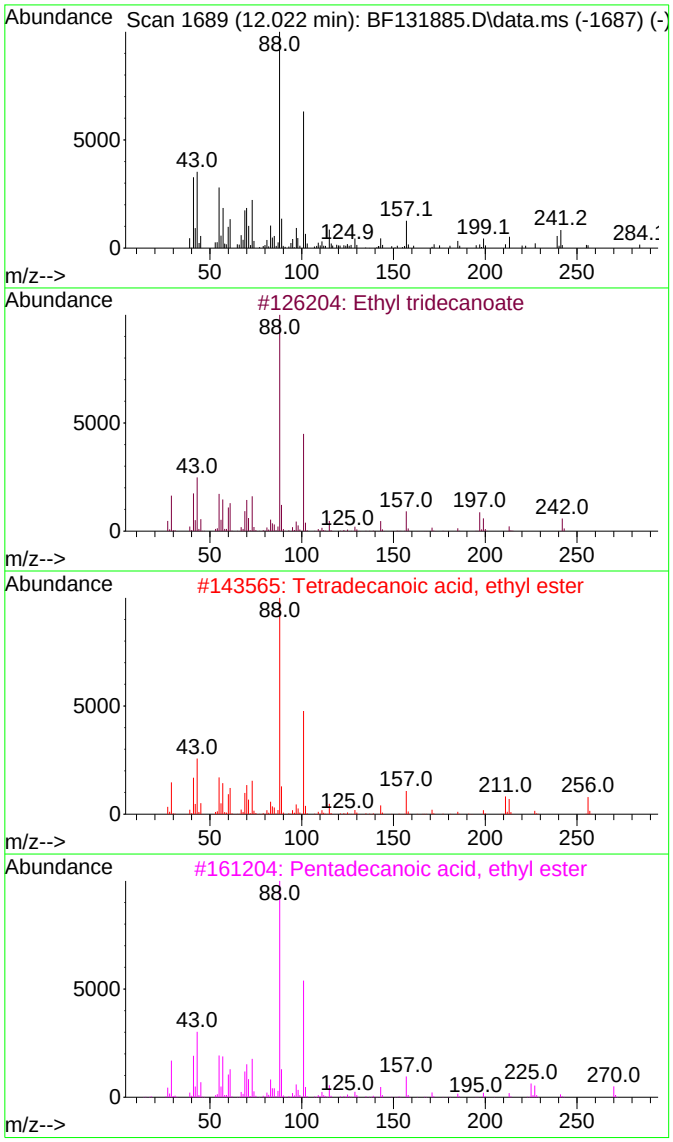
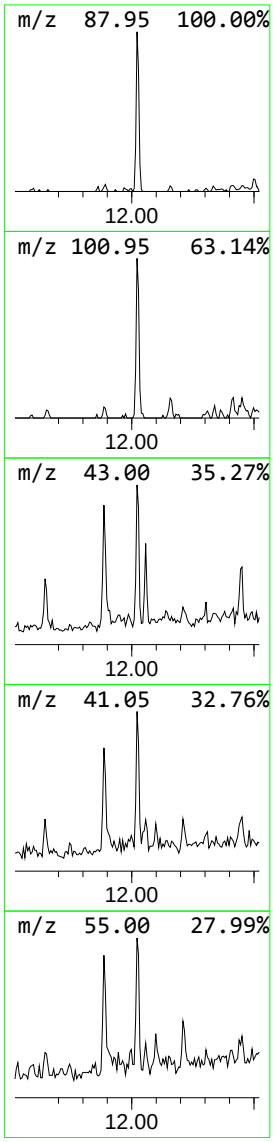
Peak Number 7 Ethyl tridecanoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	3.50 ng	78394	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl tridecanoate	242	C15H30O2	028267-29-0	94
2	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	94
3	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	91
4	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	90
5	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	87





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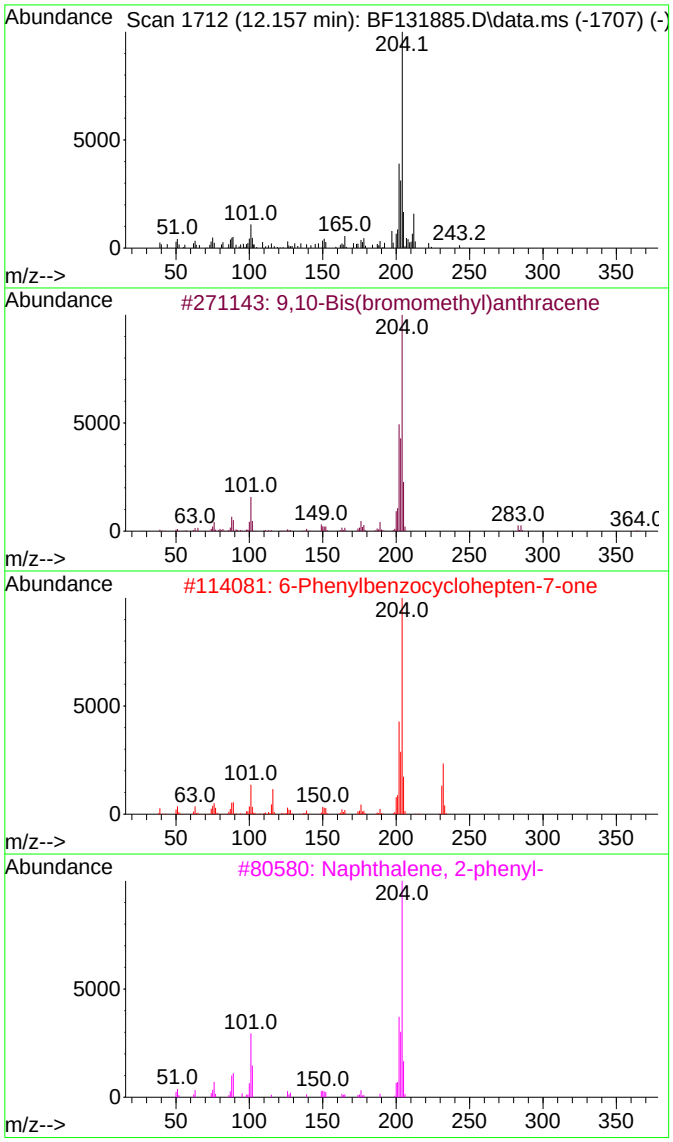
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

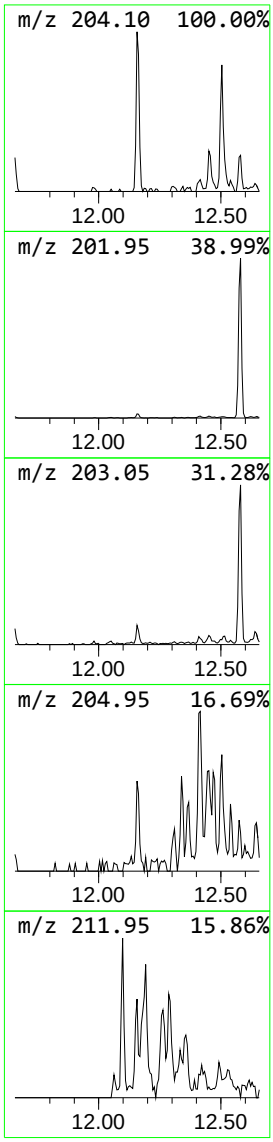
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Bis(bromomethyl)anthra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	2.60 ng	58307	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	83
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49





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

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

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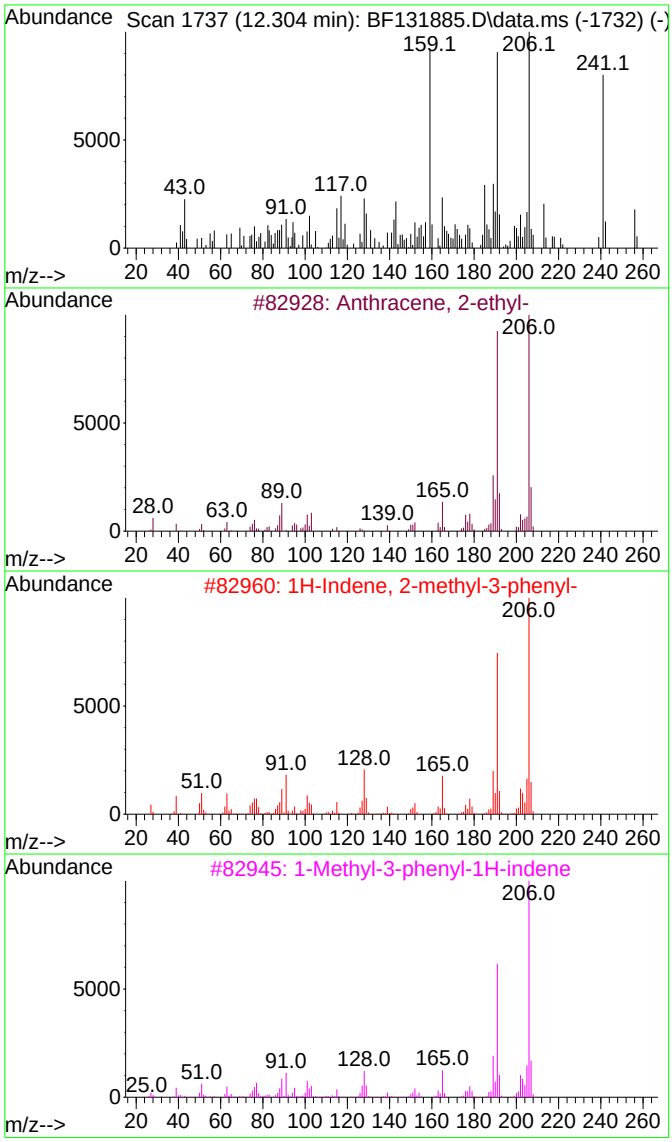
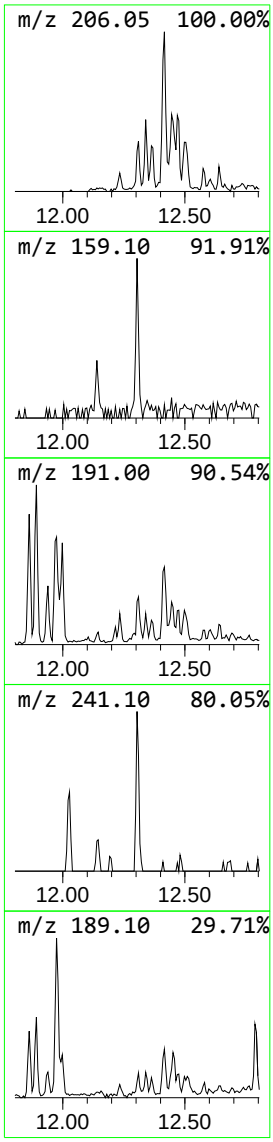
Peak Number 9 Anthracene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	2.67 ng	59796	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	66
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64
4	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	60
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	50





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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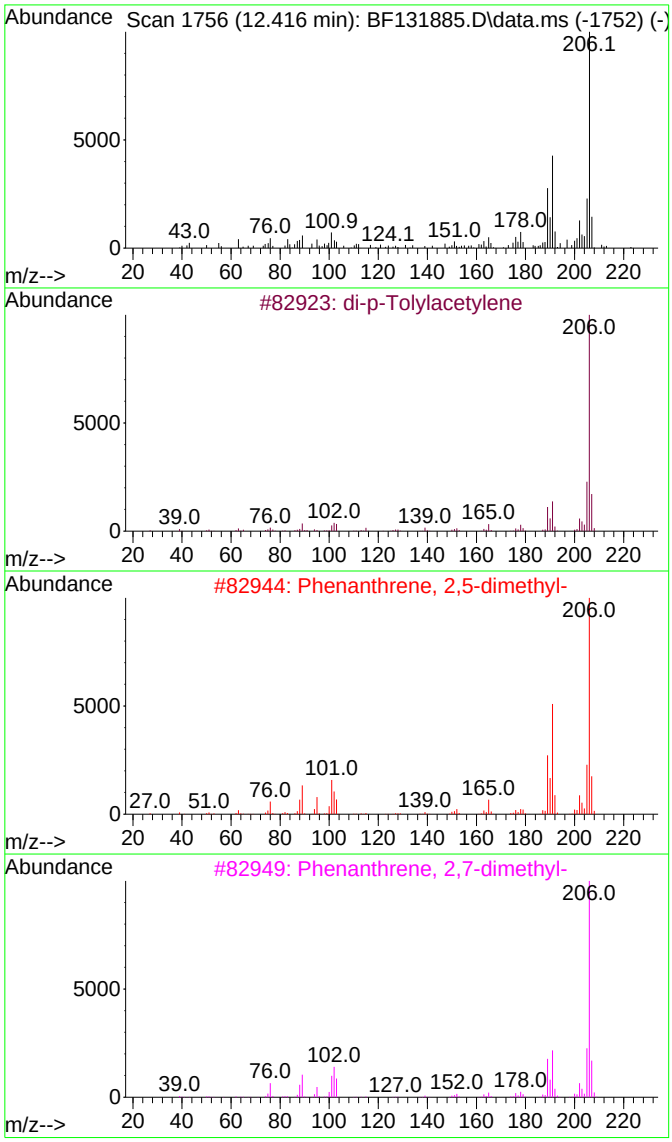
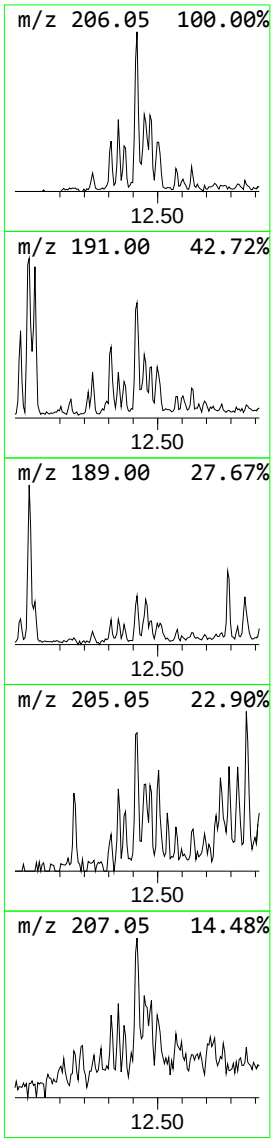
Peak Number 10 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.29 ng	73727	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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

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

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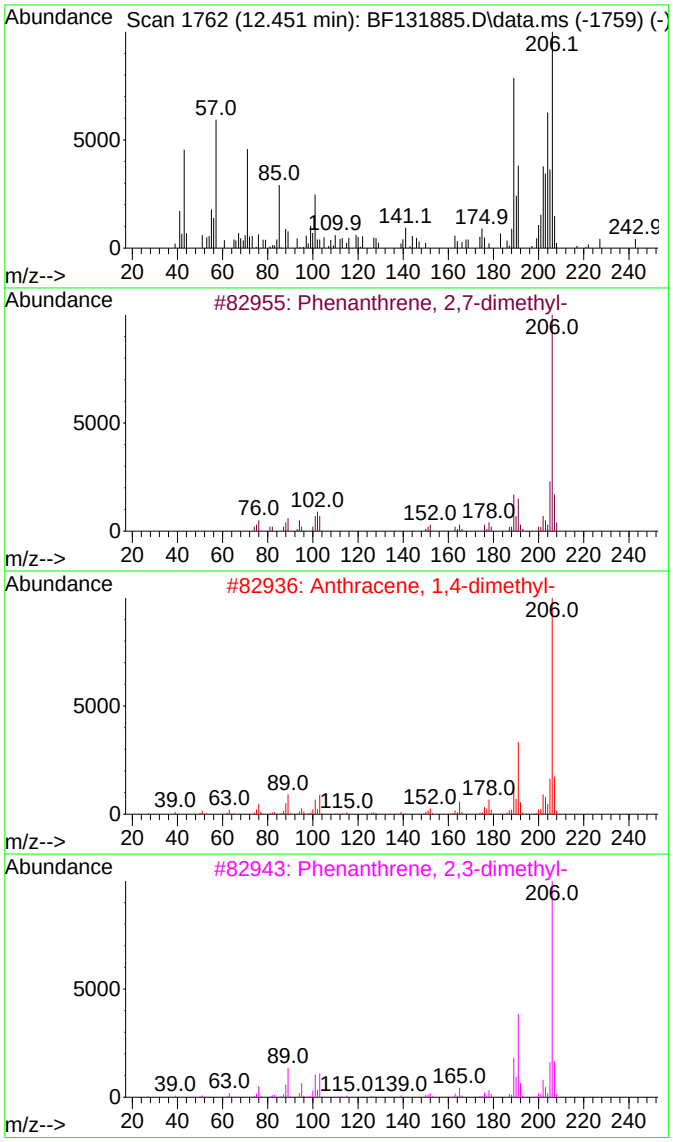
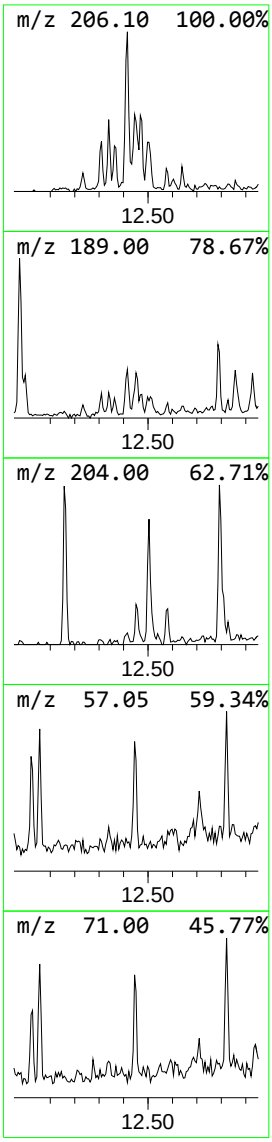
Peak Number 11 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.51 ng	56165	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	35
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	27
5	3,5-Dichloro-4-fluorobenzonitrile	189	C7H2Cl2FN	103879-31-8	25





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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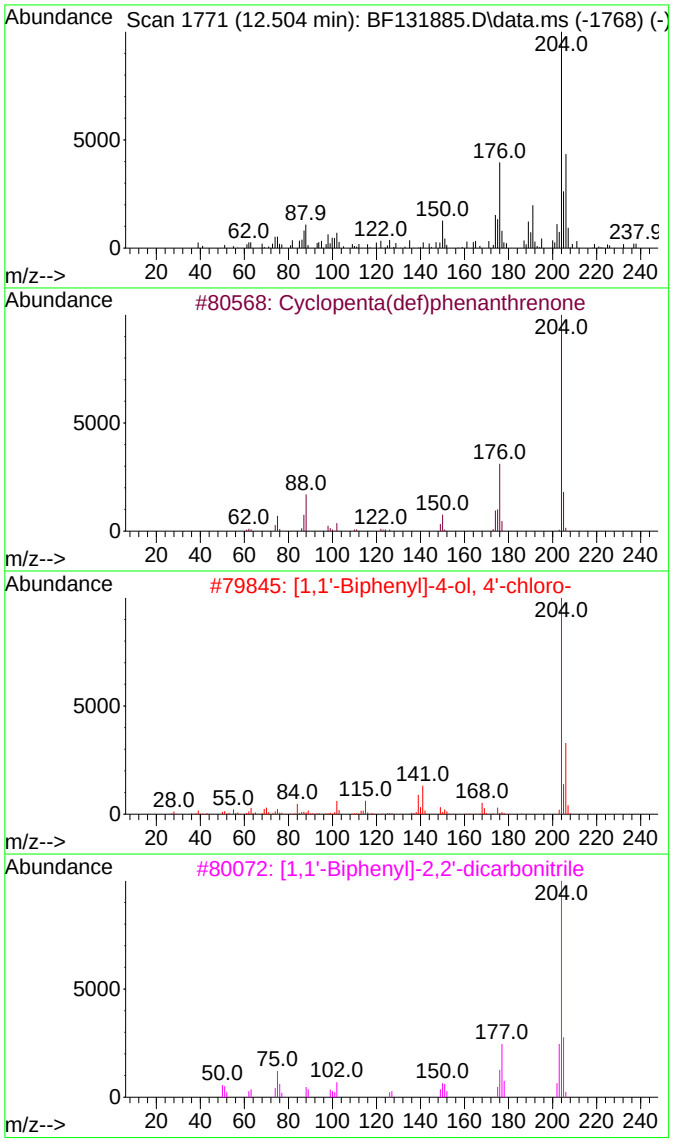
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

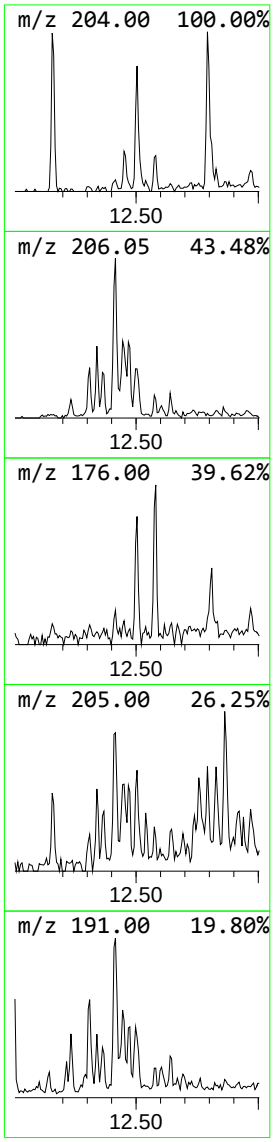
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	2.07 ng	46359	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	37





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Sample : N6228-10
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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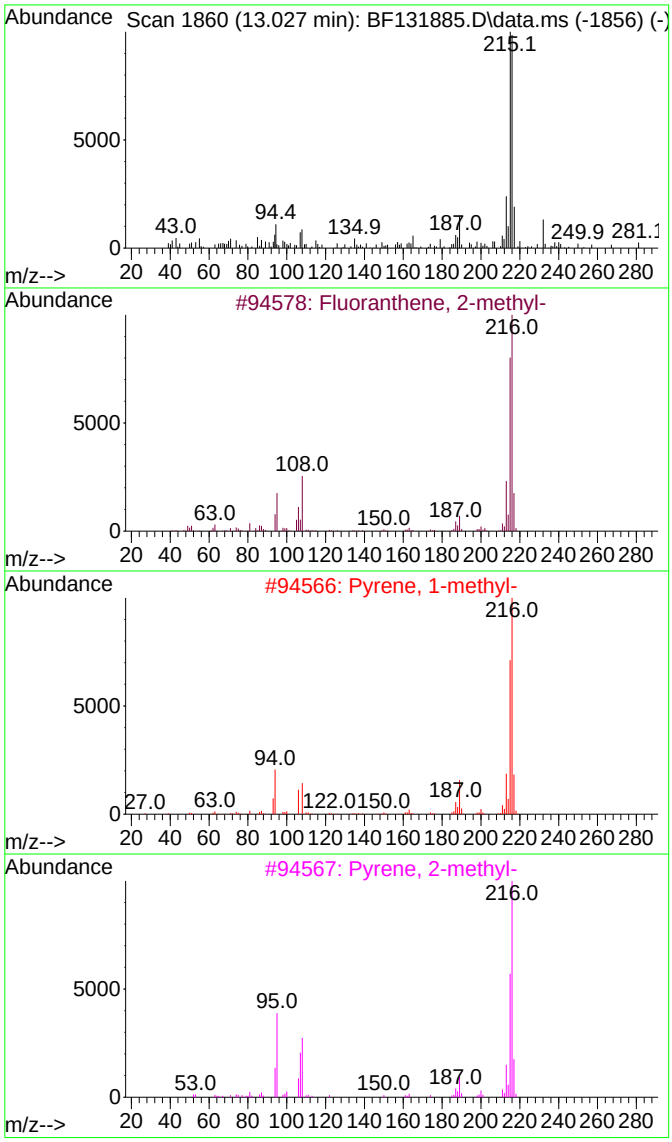
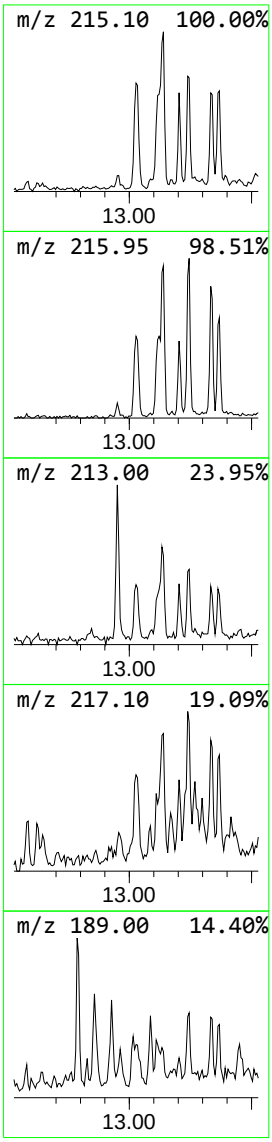
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.84 ng	84711	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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

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

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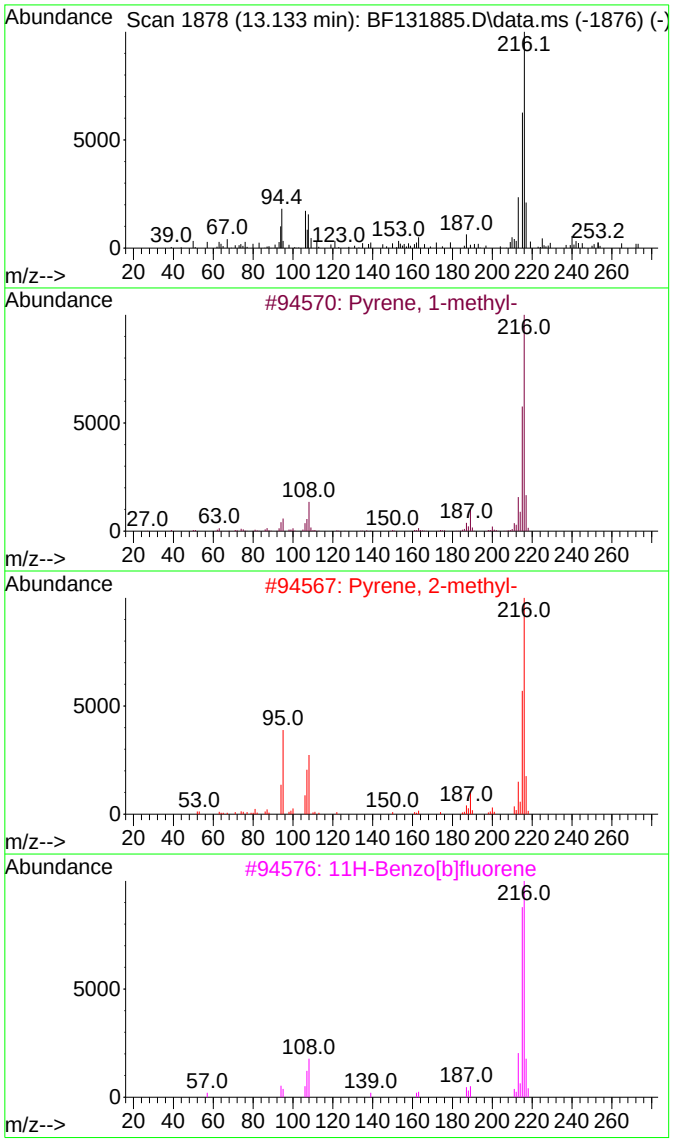
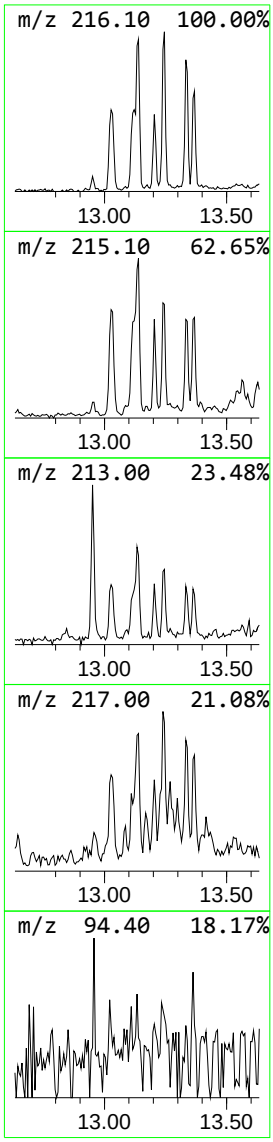
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.20 ng	65512	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

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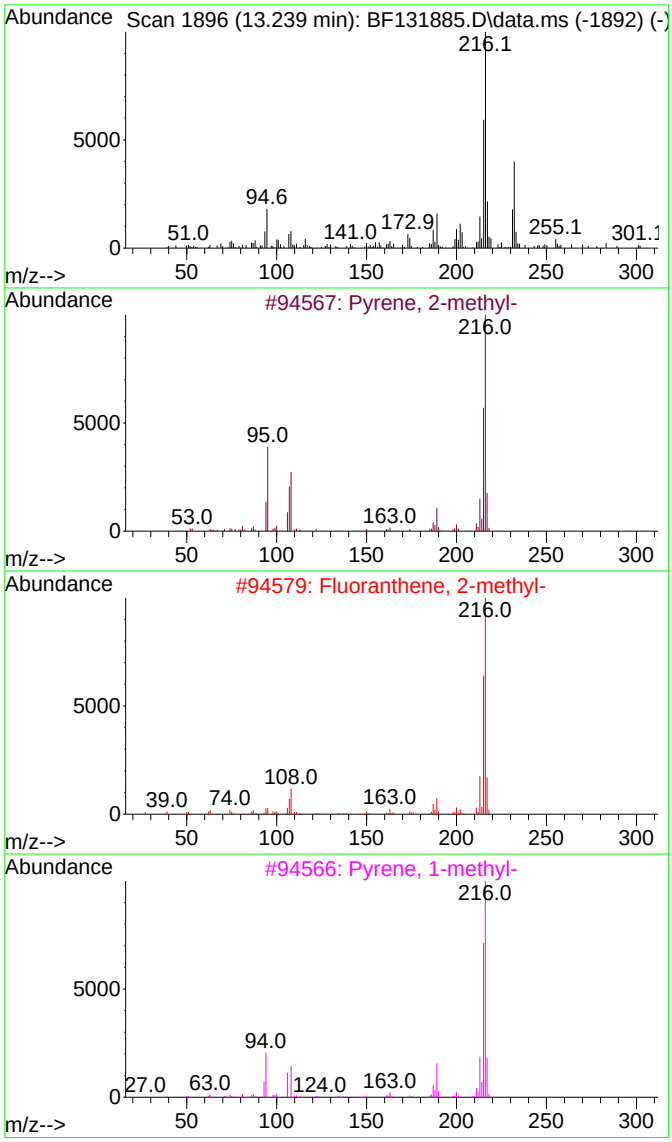
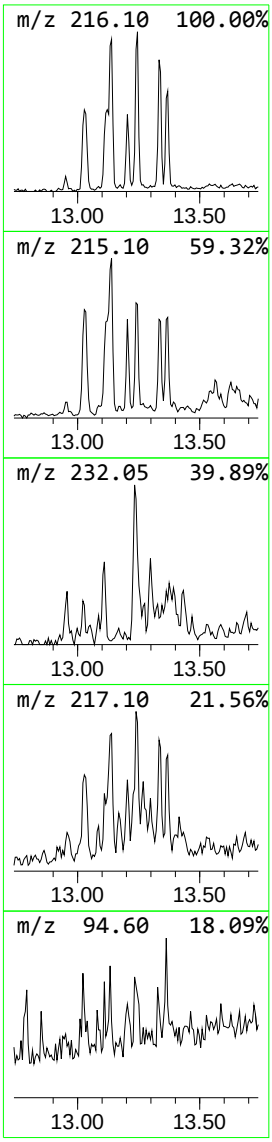
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.06 ng	91150	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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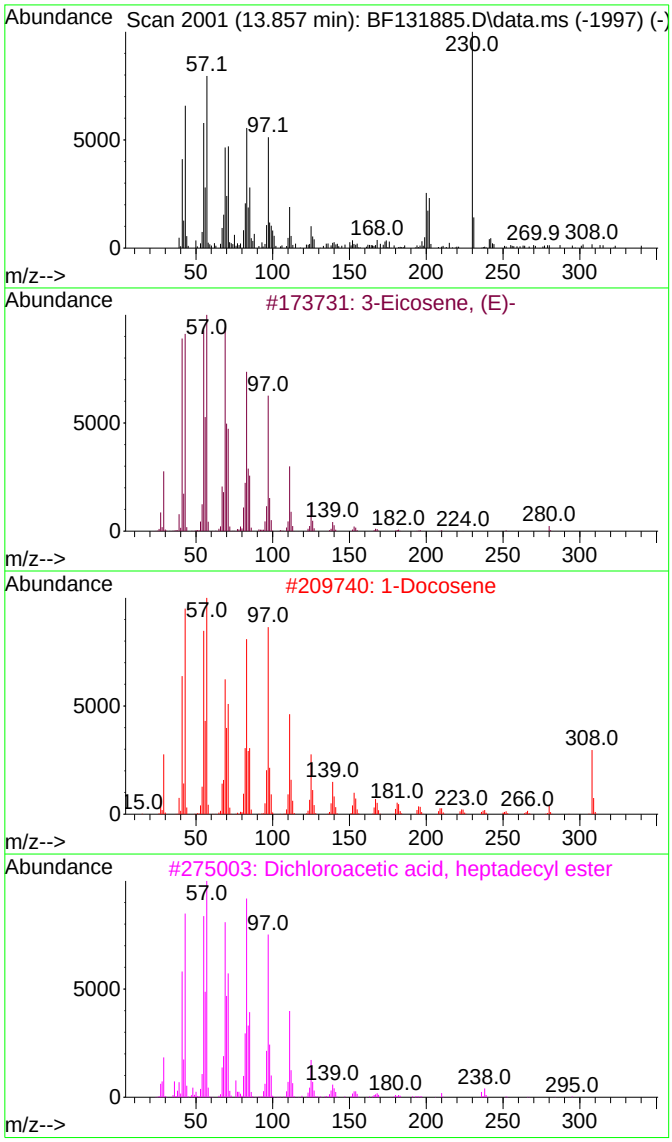
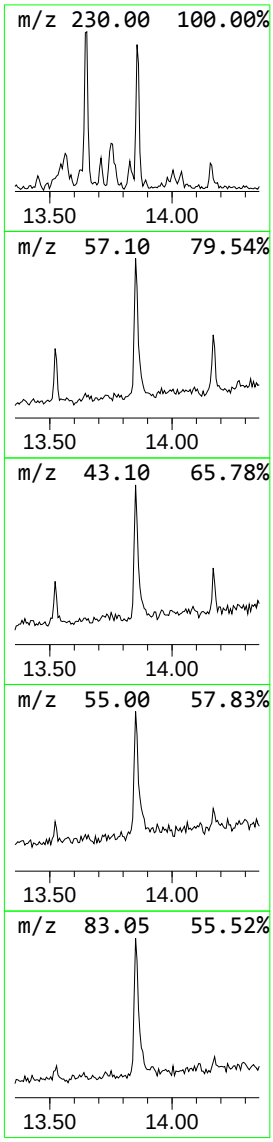
Peak Number 16 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	8.52 ng	253836	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	56
2	1-Docosene	308	C22H44	001599-67-3	55
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	45
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	42





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ALS Vial : 13 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

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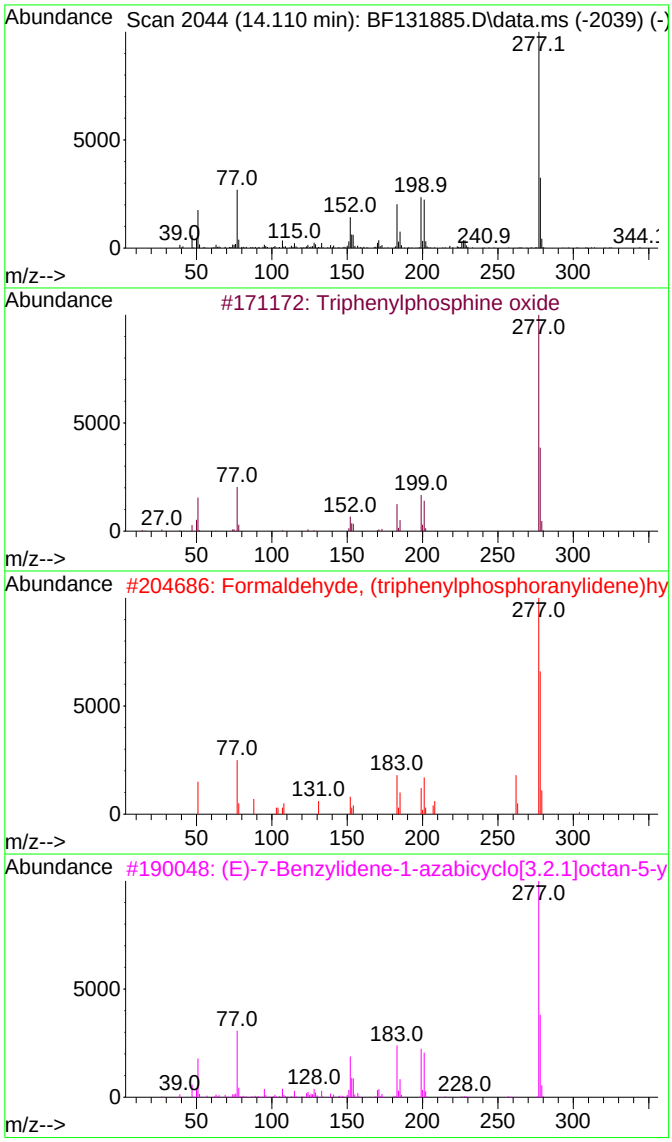
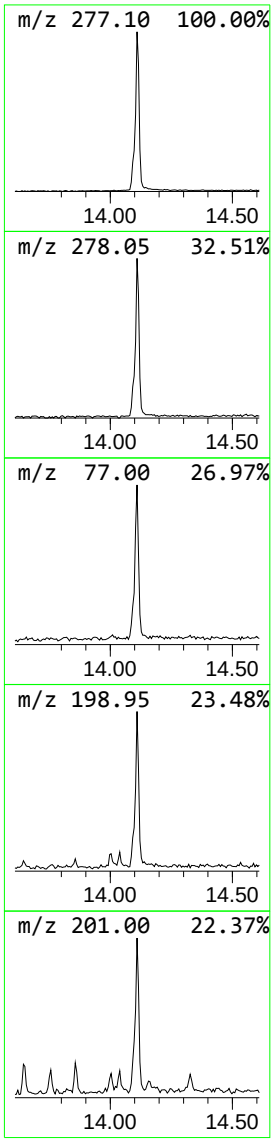
Peak Number 17 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	9.80 ng	291918	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	98
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	58
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	45
5	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	43





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Acq On : 29 Dec 2022 18:55
Operator : CG\JU
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Misc :
ALS Vial : 13 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

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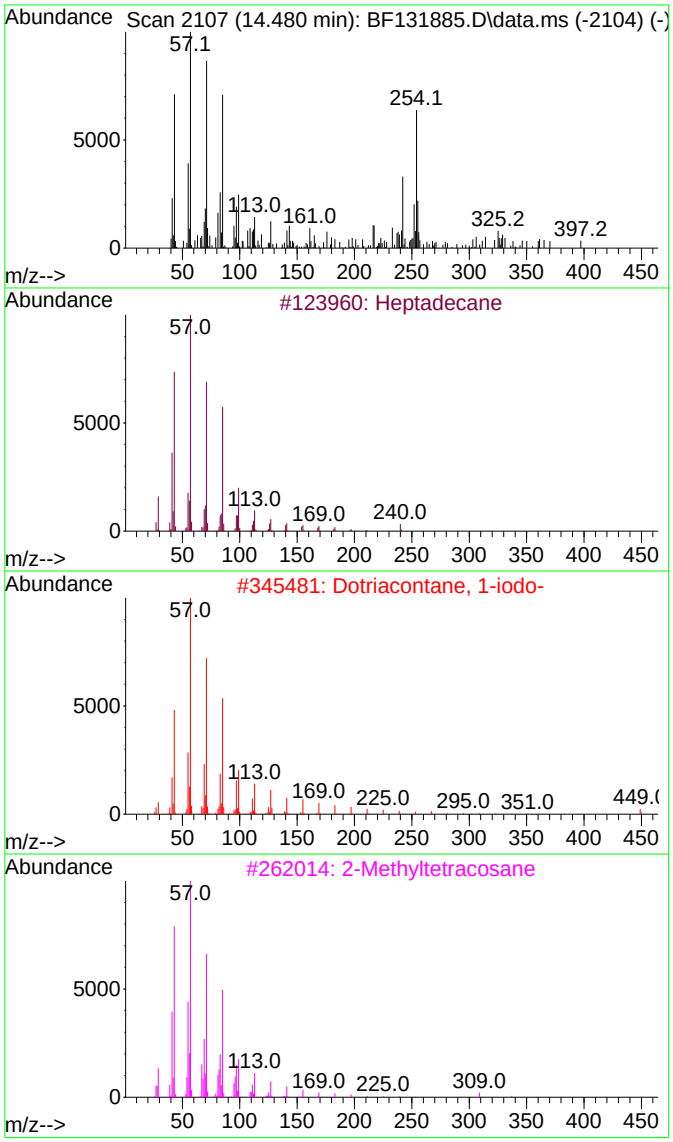
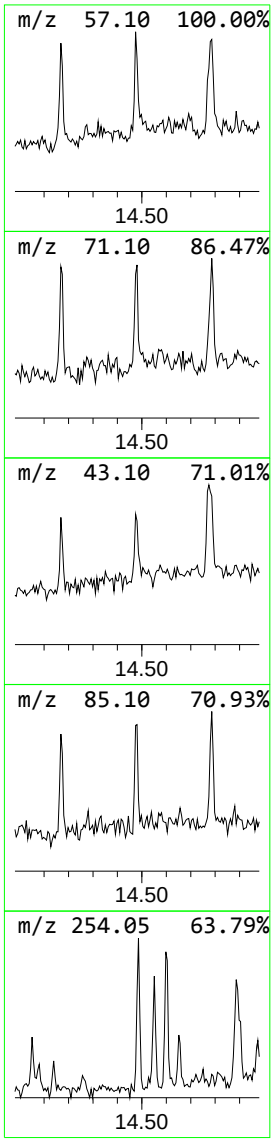
Peak Number 18 unknown14.480 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	2.07 ng	61534	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	49
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	49
3	2-Methyltetracosane	352	C25H52	001560-78-7	49
4	Octadecane	254	C18H38	000593-45-3	47
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	46





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Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

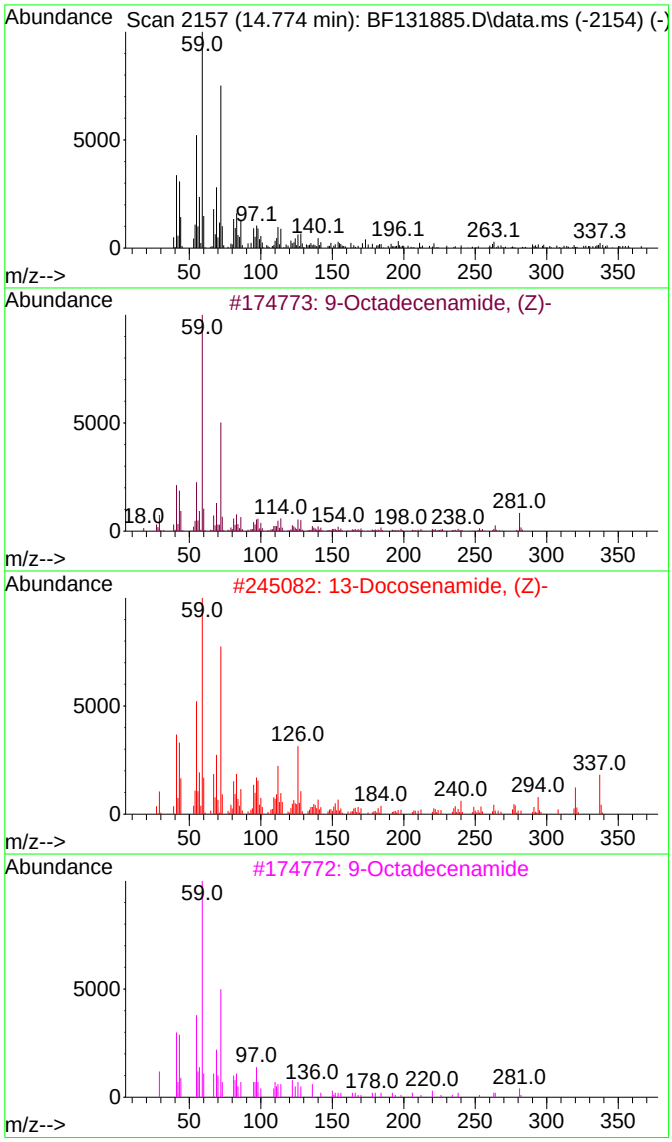
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

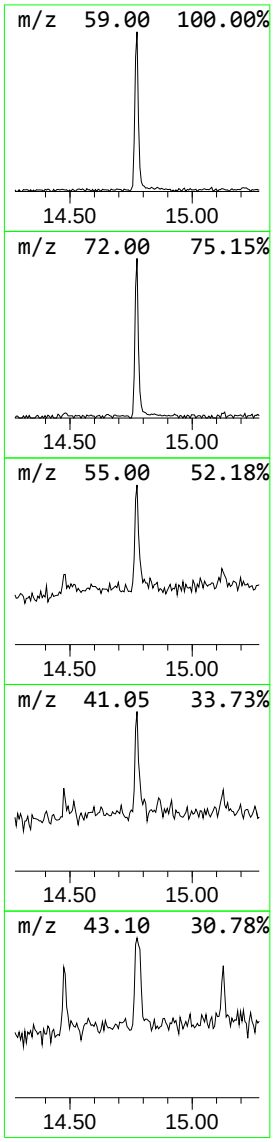
****

Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	10.57 ng	171817	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	83
3	9-Octadecenamide	281	C18H35NO	003322-62-1	46
4	Dodecanamide	199	C12H25NO	001120-16-7	46
5	Nonanamide	157	C9H19NO	001120-07-6	43





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Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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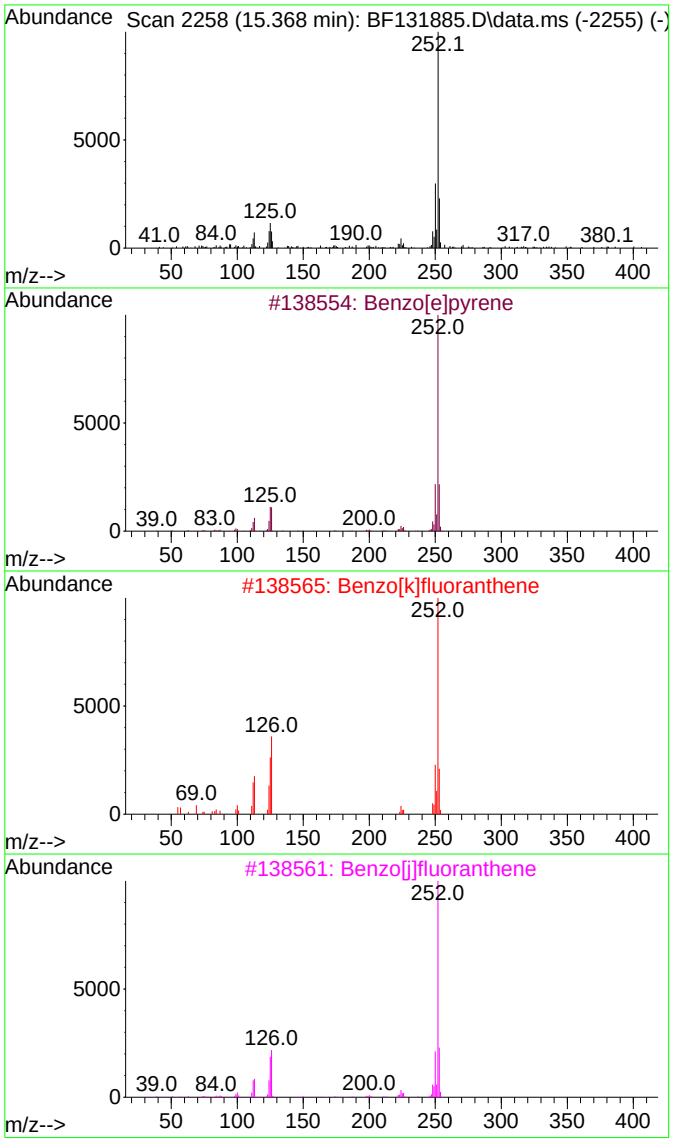
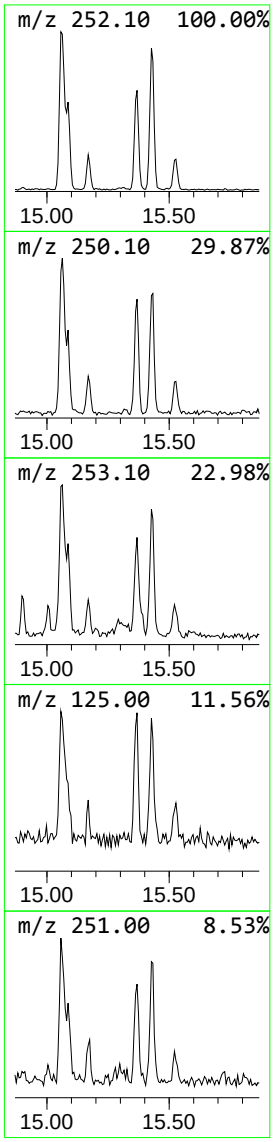
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	5.58 ng	90696	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131885.D
Acq On : 29 Dec 2022 18:55
Operator : CG\JU
Sample : N6228-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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-...	5.022	33.2	ng	683138	1	6.816	411472	20.0
Cyclohexane, 1,...	5.210	2.1	ng	43746	1	6.816	411472	20.0
Phenanthrene, 2...	11.863	3.0	ng	66166	4	11.357	448188	20.0
Phenanthrene, 1...	11.892	5.9	ng	132686	4	11.357	448188	20.0
Benzaldehyde, 3...	11.975	4.4	ng	99465	4	11.357	448188	20.0
Ethyl tridecanoate	12.022	3.5	ng	78394	4	11.357	448188	20.0
9,10-Bis(bromom...	12.157	2.6	ng	58307	4	11.357	448188	20.0
Anthracene, 2-e...	12.304	2.7	ng	59796	4	11.357	448188	20.0
di-p-Tolylacety...	12.416	3.3	ng	73727	4	11.357	448188	20.0
Phenanthrene, 2...	12.451	2.5	ng	56165	4	11.357	448188	20.0
Cyclopenta(def)...	12.504	2.1	ng	46359	4	11.357	448188	20.0
Fluoranthene, 2...	13.027	2.8	ng	84711	5	14.016	595674	20.0
Pyrene, 1-methyl-	13.133	2.2	ng	65512	5	14.016	595674	20.0
Pyrene, 2-methyl-	13.239	3.1	ng	91150	5	14.016	595674	20.0
3-Eicosene, (E)-	13.857	8.5	ng	253836	5	14.016	595674	20.0
Triphenylphosph...	14.110	9.8	ng	291918	5	14.016	595674	20.0
unknown14.480	14.480	2.1	ng	61534	5	14.016	595674	20.0
9-Octadecenamid...	14.774	10.6	ng	171817	6	15.492	325035	20.0
Benzo[e]pyrene	15.368	5.6	ng	90696	6	15.492	325035	20.0