LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-27-5B02

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: BF131845.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.863	297	302	311	rVB	40934	53447	2.40%	0.220%
2	5.040	496	502	510	rVB	613218	798421	35.81%	3.291%
3	5.446	566	571	574	rBV	2021946	1869096	83.83%	7.704%
4	5.657	604	607	612	rBV	29338	27714	1.24%	0.114%
5	6.463	739	744	747	rBV	1809954	1894687	84.98%	7.809%
6	6.663	774	778	781	rBV2	50947	47827	2.15%	0.197%
7	6.834	803	807	810	rVB	506479	447865	20.09%	1.846%
8	7.404	899	904	906	rBV	1224638	1237647	55.51%	5.101%
9	7.545	914	928	932	rBV	233500	586001	26.28%	2.415%
10	7.869	979	983	986	rBV4	22067	27695	1.24%	0.114%
11	7.940	992	995	998	rVB	42980	34775	1.56%	0.143%
12	8.098	1019	1022	1023	rBV2	32698	30394	1.36%	0.125%
13	8.122	1023	1026	1028	rVV	675375	554034	24.85%	2.284%
14	8.145	1028	1030	1033	rVB	81105	62959	2.82%	0.259%
15	8.251	1043	1048	1052	rBV5	16101	27256	1.22%	0.112%
16	8.316	1055	1059	1062	rVB4	27340	39455	1.77%	0.163%
17	8.487	1080	1088	1092	rBV5	37929	93231	4.18%	0.384%
18	8.540	1094	1097	1099	rVB	47054	37840	1.70%	0.156%
19	8.710	1124	1126	1130	rVB	50276	37603	1.69%	0.155%
20	8.769	1130	1136	1139	rVV5	35265	55118	2.47%	0.227%
21	8.804	1139	1142	1145	rVB	24189	26666	1.20%	0.110%
22	8.840	1145	1148	1150	rBV	48543	42920	1.93%	0.177%
23	8.940	1162	1165	1168	rVB	28233	25687	1.15%	0.106%
24	8.998	1172	1175	1179	rBV5	22270	39902	1.79%	0.164%
25	9.139	1197	1199	1204	rVB	51253	46512	2.09%	0.192%
26	9.204	1205	1210	1213	rBV	2629251	2229569	100.00%	9.189%
27	9.281	1218	1223	1226	rBV	87308	107406	4.82%	0.443%
28	9.398	1241	1243	1249	rVB3	23925	30795	1.38%	0.127%
29	9.504	1258	1261	1264	rBV	29366	37674	1.69%	0.155%
30	9.539	1264	1267	1269	rVV2	42547	46732	2.10%	0.193%
31	9.604	1273	1278	1284	rVV2	130849	168459	7.56%	0.694%
32	9.745	1299	1302	1305	rBV	254700	208830	9.37%	0.861%
33	9.886	1322	1326	1329	rVB	700607	612511	27.47%	2.525%
34	9.916	1329	1331	1335	rBV	56534	46331	2.08%	0.191%
35	9.986	1341	1343	1347	rVB3	23249	29368	1.32%	0.121%
36	10.045	1347	1353	1355	rBV3	43188	64764	2.90%	0.267%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
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Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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	10.086	1355	1360	1365	rVV4	34730	66656	2.99%	0.275%
38	10.128	1365	1367	1371	rBV4	35918	34475	1.55%	0.142%
39	10.192	1375	1378	1381	rBV2	60080	70243	3.15%	0.290%
40	10.251	1386	1388	1391	rVB2	38019	35240	1.58%	0.145%
41	10.286	1391	1394	1396	rBV2	59039	69698	3.13%	0.287%
42	10.310	1396	1398	1400	rVB	43400	32403	1.45%	0.134%
43	10.339	1400	1403	1405	rBV	80360	59013	2.65%	0.243%
44	10.434	1416	1419	1424	rBV3	39001	65469	2.94%	0.270%
45	10.534	1431	1436	1443	rBV2	69682	121305	5.44%	0.500%
46	10.598	1443	1447	1449	rBV3	31757	47049	2.11%	0.194%
47	10.681	1454	1461	1464	rBV	1388230	1339988	60.10%	5.523%
48	10.798	1477	1481	1488	rVB2	148191	186237	8.35%	0.768%
49	10.981	1509	1512	1515	rBV4	47285	74146	3.33%	0.306%
50	11.133	1536	1538	1542	rBV2	42196	42497	1.91%	0.175%
51	11.269	1558	1561	1566	rVB2	92771	111052	4.98%	0.458%
52	11.381	1576	1580	1582	rBV	625354	589566	26.44%	2.430%
53	11.398	1582	1583	1589	rVV	236609	203439	9.12%	0.838%
54	11.451	1589	1592	1595	rVB	105987	85490	3.83%	0.352%
55	11.486	1595	1598	1601	rBV2	44668	59985	2.69%	0.247%
56	11.616	1617	1620	1623	rBV4	44135	56537	2.54%	0.233%
57	11.710	1634	1636	1641	rVB	50869	51389	2.30%	0.212%
58	11.880	1662	1665	1667	rBV	128042	106652	4.78%	0.440%
59	11.910	1667	1670	1673	rVV2	177708	181774	8.15%	0.749%
60	11.957	1676	1678	1681	rVV	79742	82202	3.69%	0.339%
61	11.992	1681	1684	1686	rVV2	220538	234811	10.53%	0.968%
62	12.016	1686	1688	1692	rVB	133333	112976	5.07%	0.466%
63	12.180	1714	1716	1718	rVB	67124	50251	2.25%	0.207%
64	12.310	1736	1738	1739	rBV	41872	32607	1.46%	0.134%
65	12.433	1756	1759	1762	rBV	167586	175318	7.86%	0.723%
66	12.469	1762	1765	1768	rVV3	94585	126889	5.69%	0.523%
67	12.528	1772	1775	1778	rBV2	59901	83614	3.75%	0.345%
68	12.598	1784	1787	1790	rBV	509758	396333	17.78%	1.634%
69	12.639	1791	1794	1796	rVV2	199994	184255	8.26%	0.759%
70	12.692	1801	1803	1807	rVB	95389	77756	3.49%	0.320%
71	12.769	1814	1816	1821	rVB	100923	112599	5.05%	0.464%
72	12.827	1821	1826	1832	rVV	524488	547194	24.54%	2.255%
73	12.886	1833	1836	1839	rVB2	71049	76344	3.42%	0.315%
74	12.975	1847	1851	1854	rBV	1816026	1542096	69.17%	6.356%
75	13.045	1860	1863	1870	rVB2	104075	139022	6.24%	0.573%
76	13.133	1875	1878	1879	rVV2	101778	107995	4.84%	0.445%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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	13.157	1880	1882	1885	rVB	182327	163356	7.33%	0.673%
78	13.222	1891	1893	1896	rVV	100601	78944	3.54%	0.325%
79	13.263	1897	1900	1903	rVB2	114862	99727	4.47%	0.411%
80	13.357	1913	1916	1918	rVB	114198	97729	4.38%	0.403%
81	13.386	1919	1921	1924	rVB	80672	59727	2.68%	0.246%
82	13.880	2003	2005	2014	rVB3	108902	186390	8.36%	0.768%
83	14.027	2026	2030	2033	rBV2	556716	808089	36.24%	3.331%
84	14.057	2033	2035	2043	rVB	359499	331348	14.86%	1.366%
85	14.180	2054	2056	2063	rVB4	88531	94927	4.26%	0.391%
86	14.422	2092	2097	2100	rBV	183117	209729	9.41%	0.864%
87	14.457	2100	2103	2105	rVB	93413	83811	3.76%	0.345%
88	14.545	2115	2118	2120	rBV2	126137	108833	4.88%	0.449%
89	15.086	2206	2210	2217	rVB	293689	500984	22.47%	2.065%
90	15.198	2225	2229	2232	rBV	104390	143632	6.44%	0.592%
91	15.392	2259	2262	2268	rVB	259405	311870	13.99%	1.285%
92	15.457	2269	2273	2278	rVB	345900	422152	18.93%	1.740%
93	15.521	2280	2284	2288	rBV2	304919	399754	17.93%	1.648%
94	16.433	2435	2439	2446	rVB8	93497	161020	7.22%	0.664%
95	17.015	2532	2538	2541	rBV2	146634	295994	13.28%	1.220%
96	17.468	2609	2615	2621	rBV	106744	204597	9.18%	0.843%

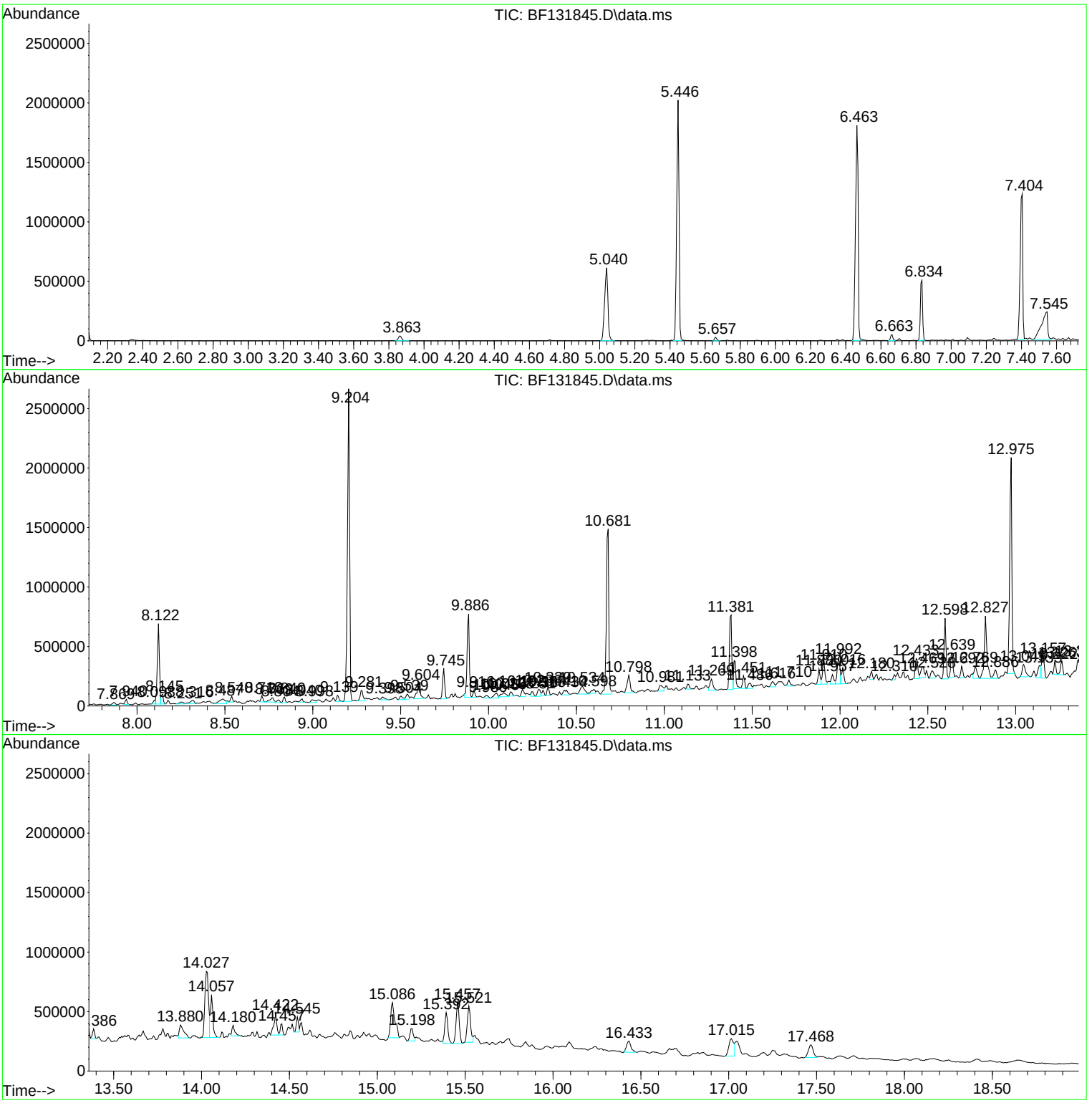
Sum of corrected areas: 24262369

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
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Instrument :
BNA_F
ClientSampleId :
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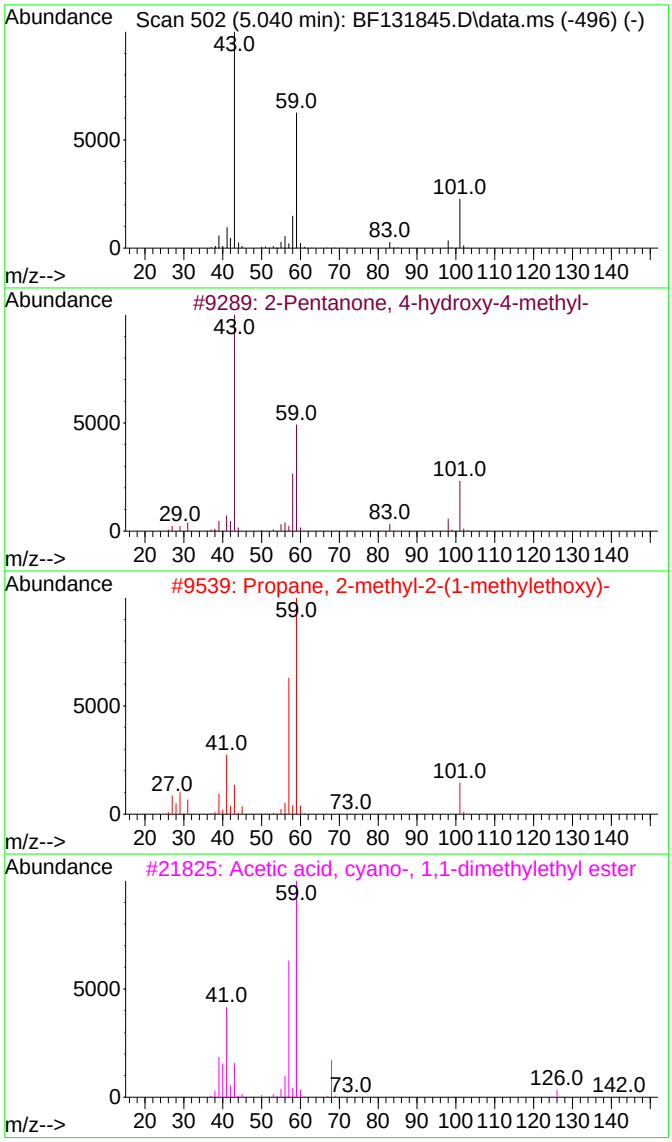
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

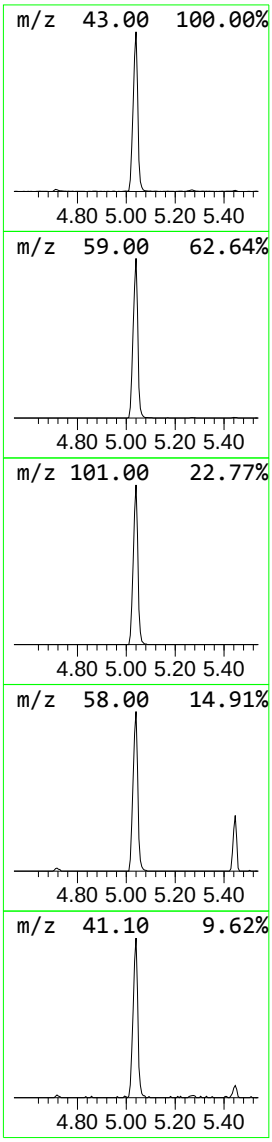
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	35.65 ng	798421	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

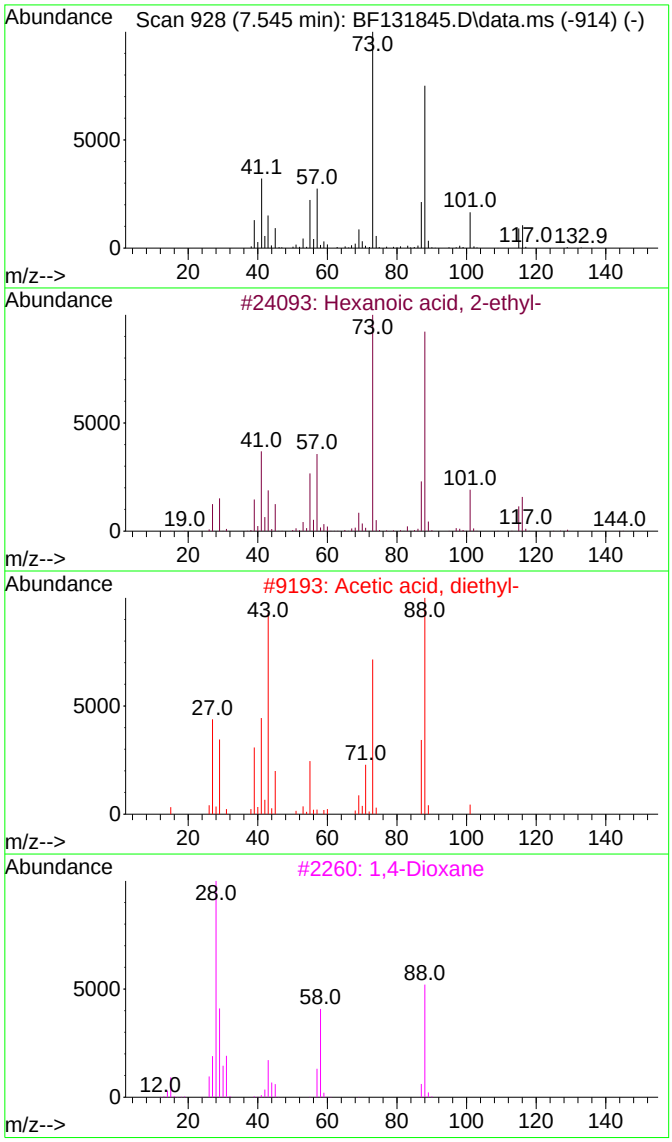
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

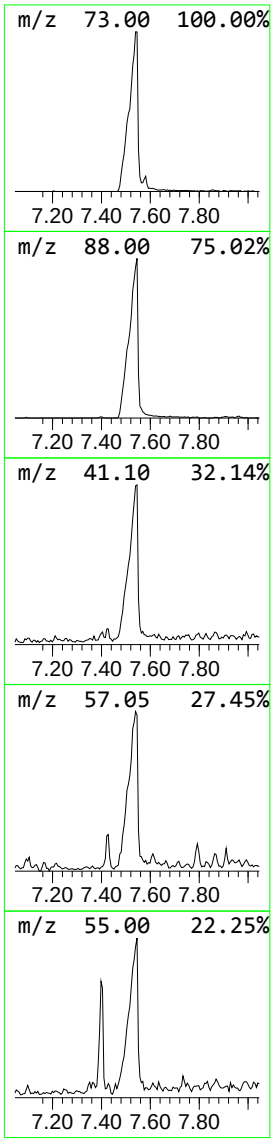
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	21.15 ng	586001	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	43
4	Diisopropanolamine	133	C6H15NO2	000110-97-4	43
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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

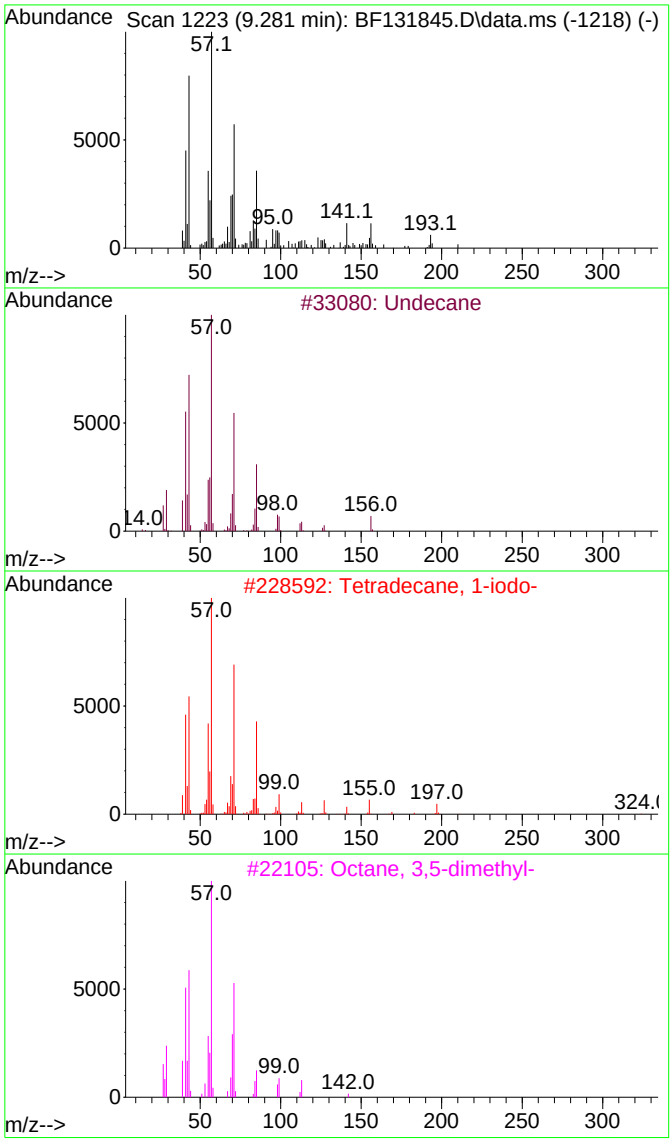
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

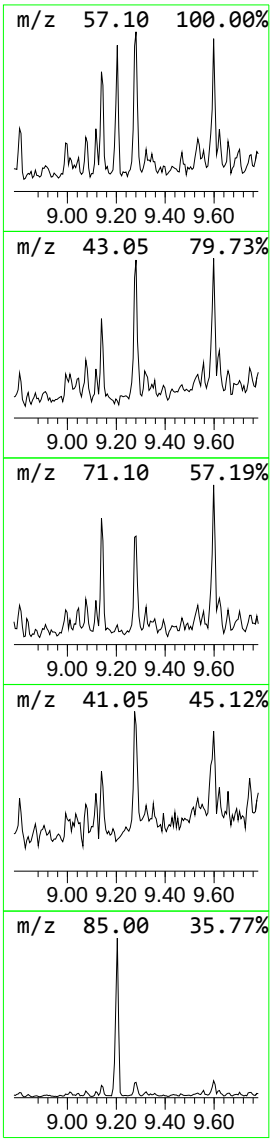
****

Peak Number 3 Undecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.281	3.51 ng	107406	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	81
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68
4	Decane	142	C10H22	000124-18-5	68
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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

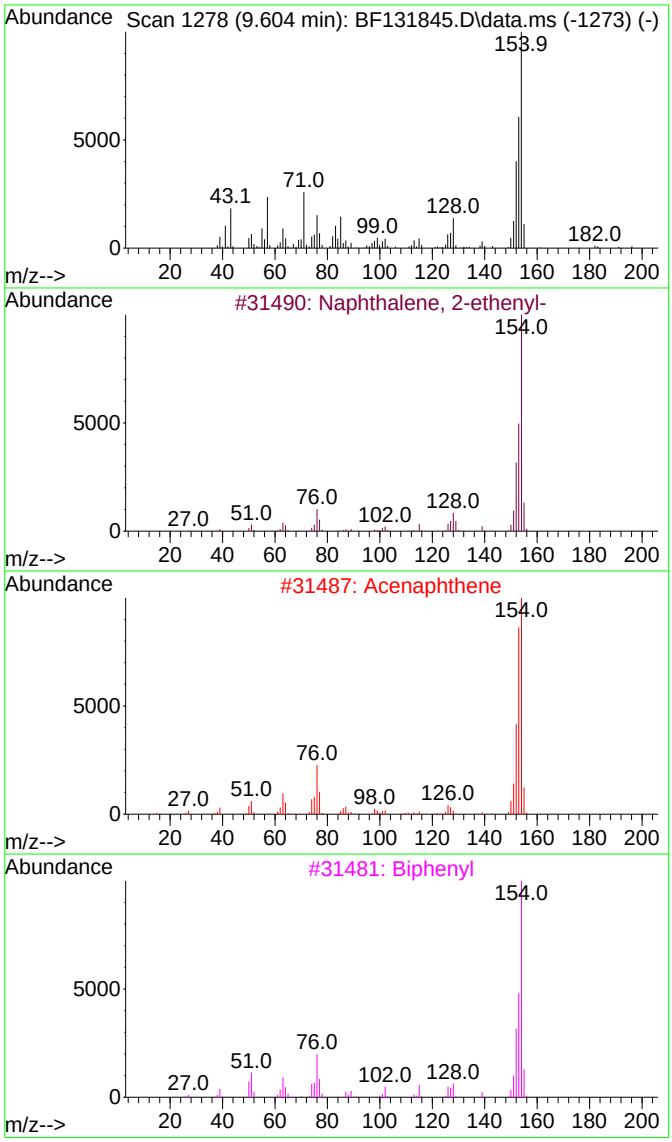
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

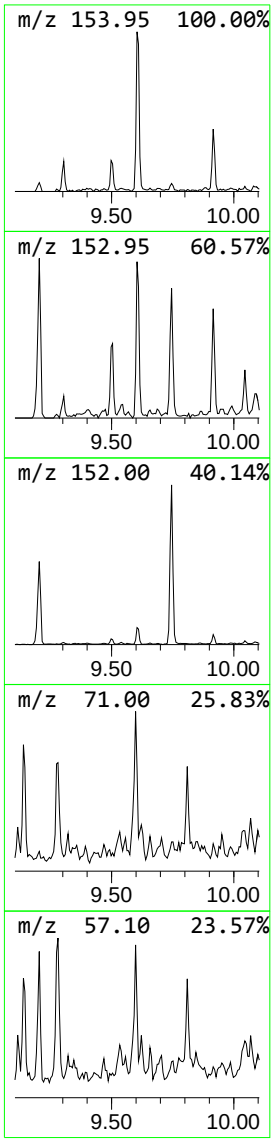
****

Peak Number 4 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	5.50 ng	168459	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Acenaphthene	154	C12H10	000083-32-9	64
3	Biphenyl	154	C12H10	000092-52-4	60
4	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	47
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

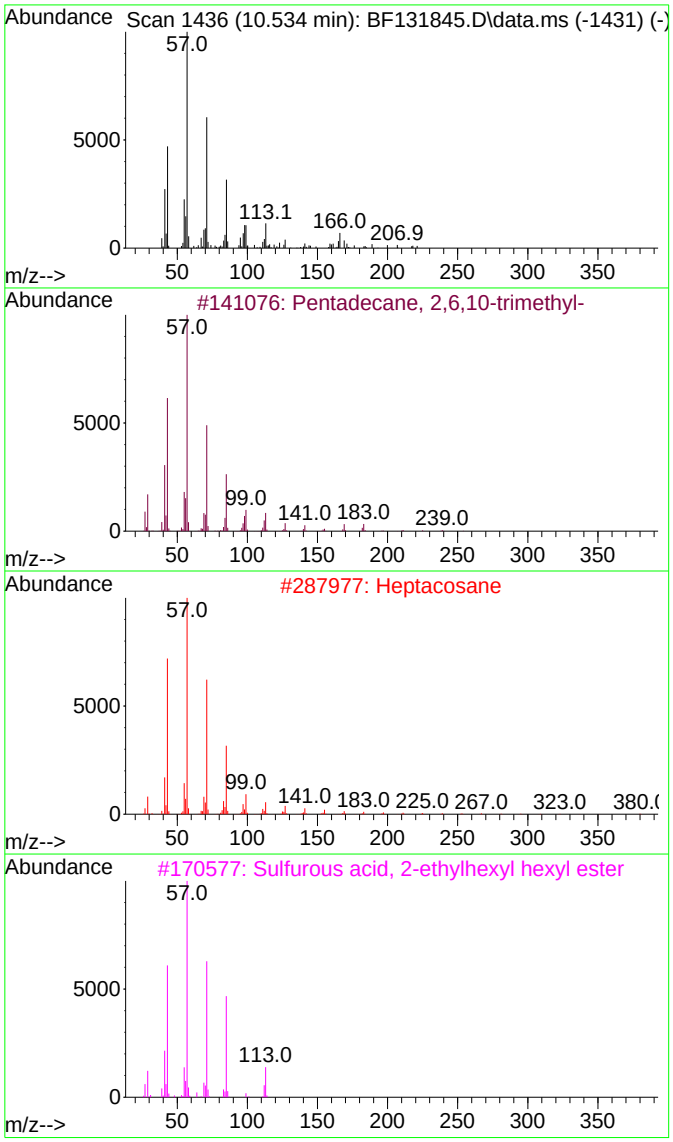
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

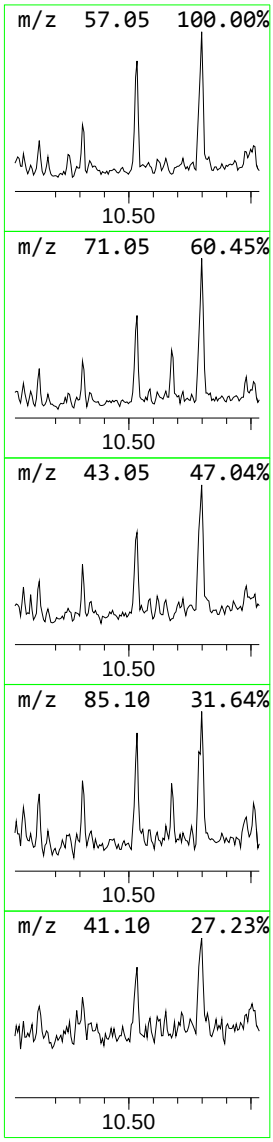
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.534	3.96 ng	121305	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	80
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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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

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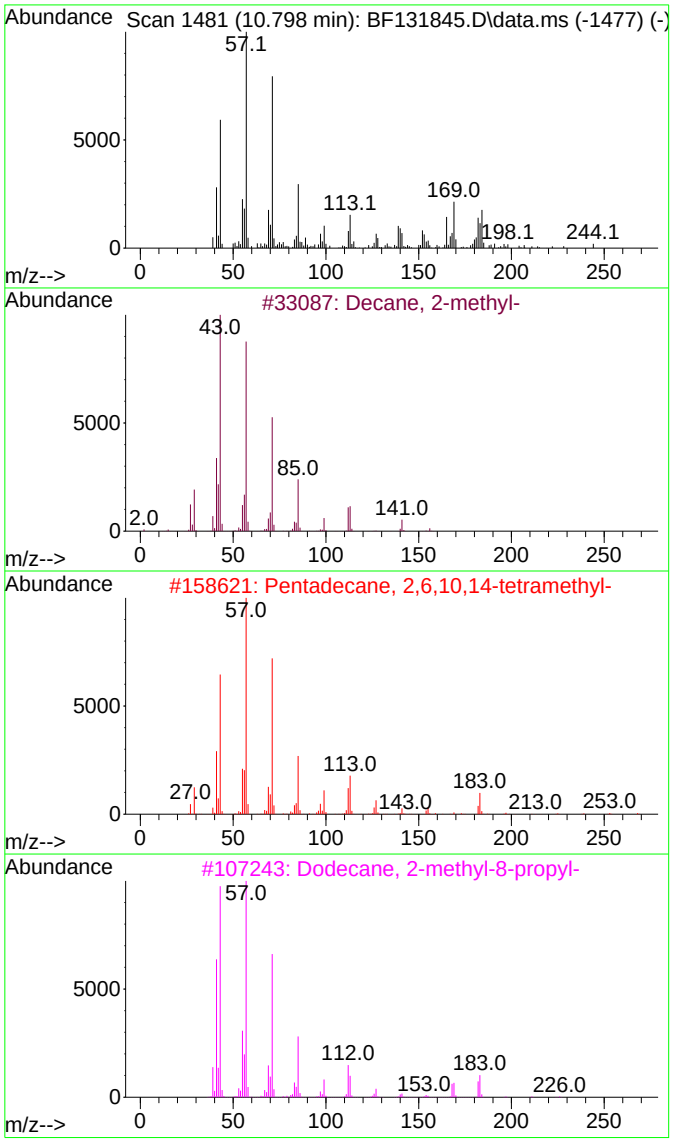
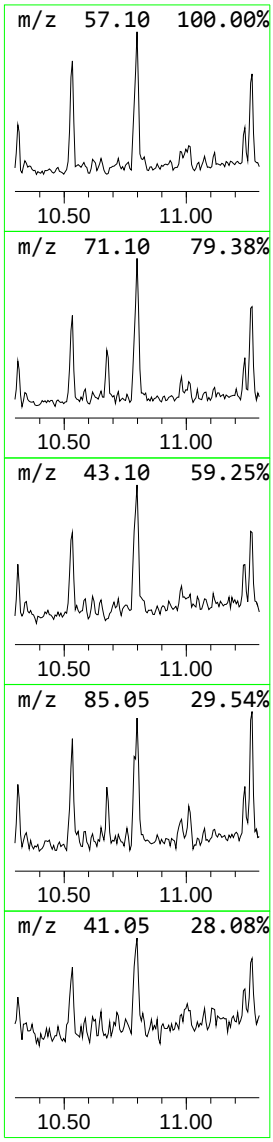
Peak Number 6 Decane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	6.32 ng	186237	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	55
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	52
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	49
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	49





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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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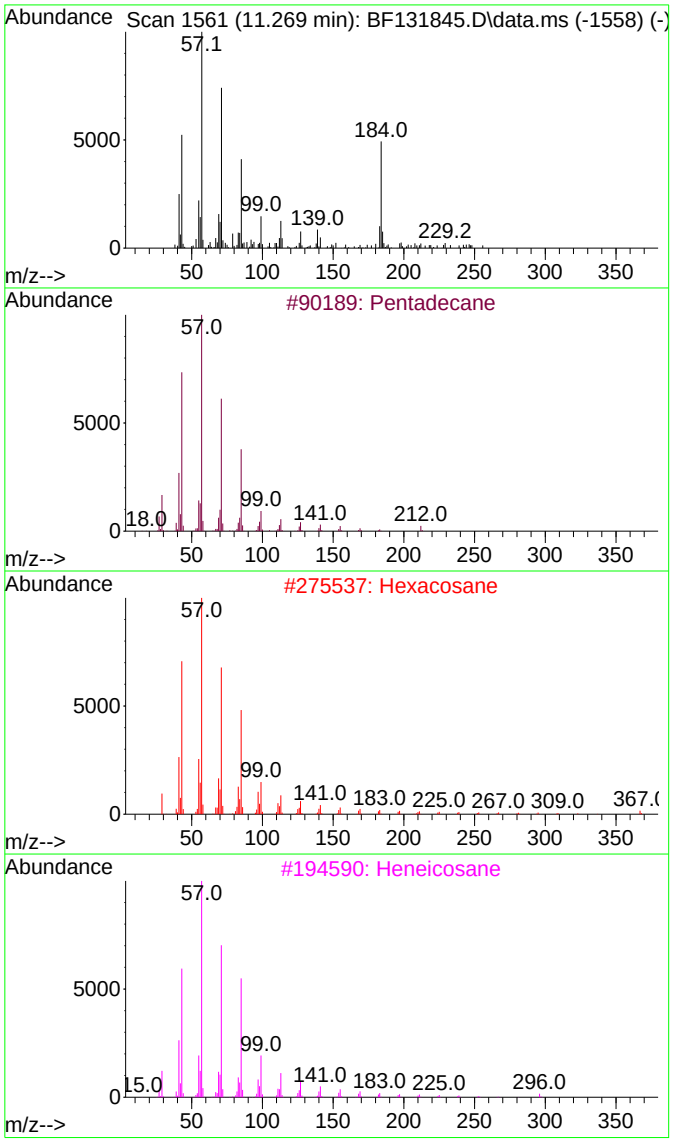
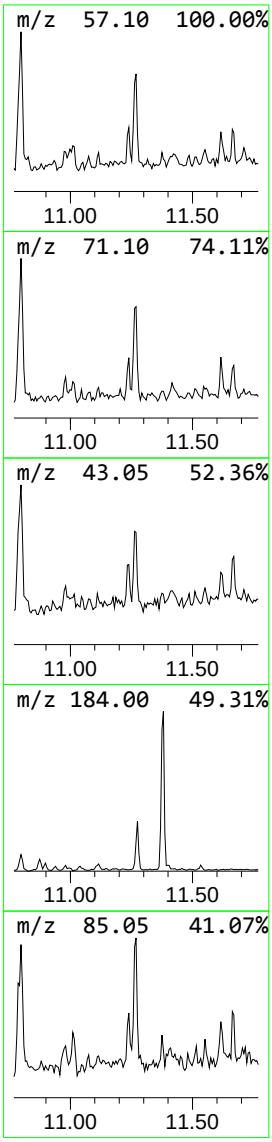
Peak Number 7 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	3.77 ng	111052	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Hexacosane	366	C26H54	000630-01-3	62
3	Heneicosane	296	C21H44	000629-94-7	62
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Tetratetracontane	619	C44H90	007098-22-8	58





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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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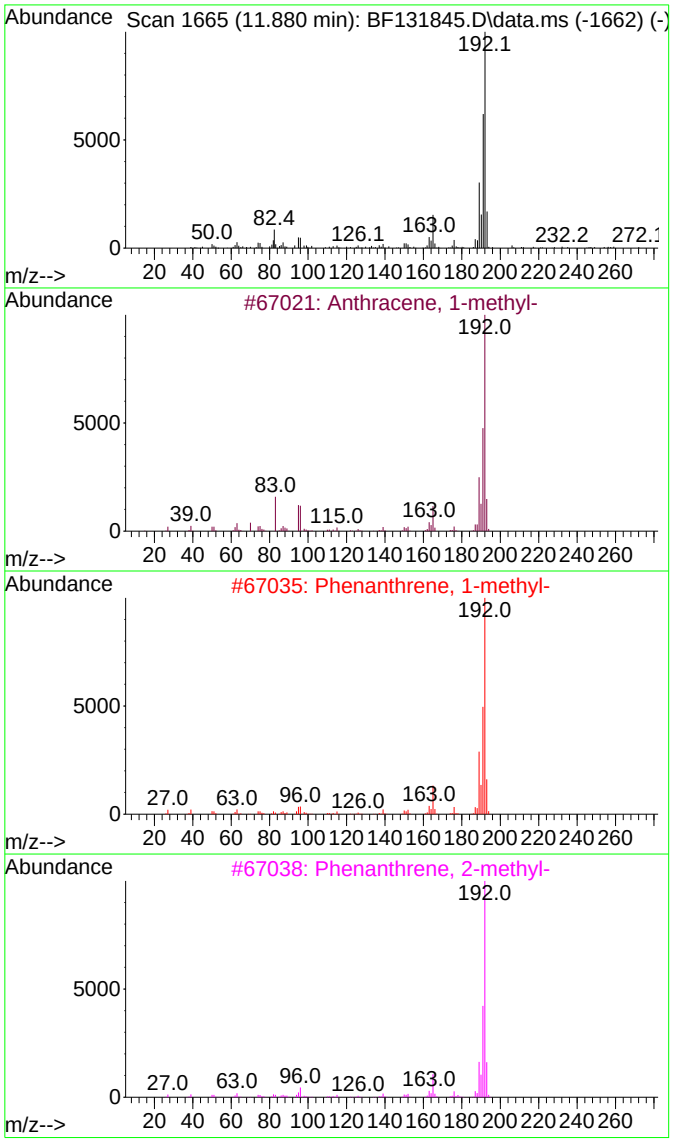
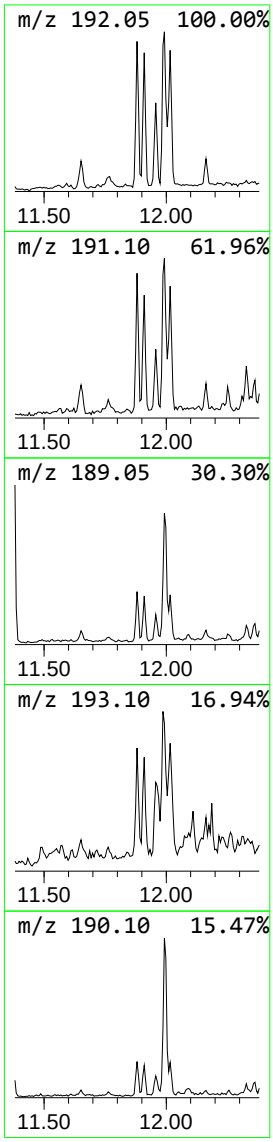
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	3.62 ng	106652	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
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ClientSampleId :
B-27-5B02

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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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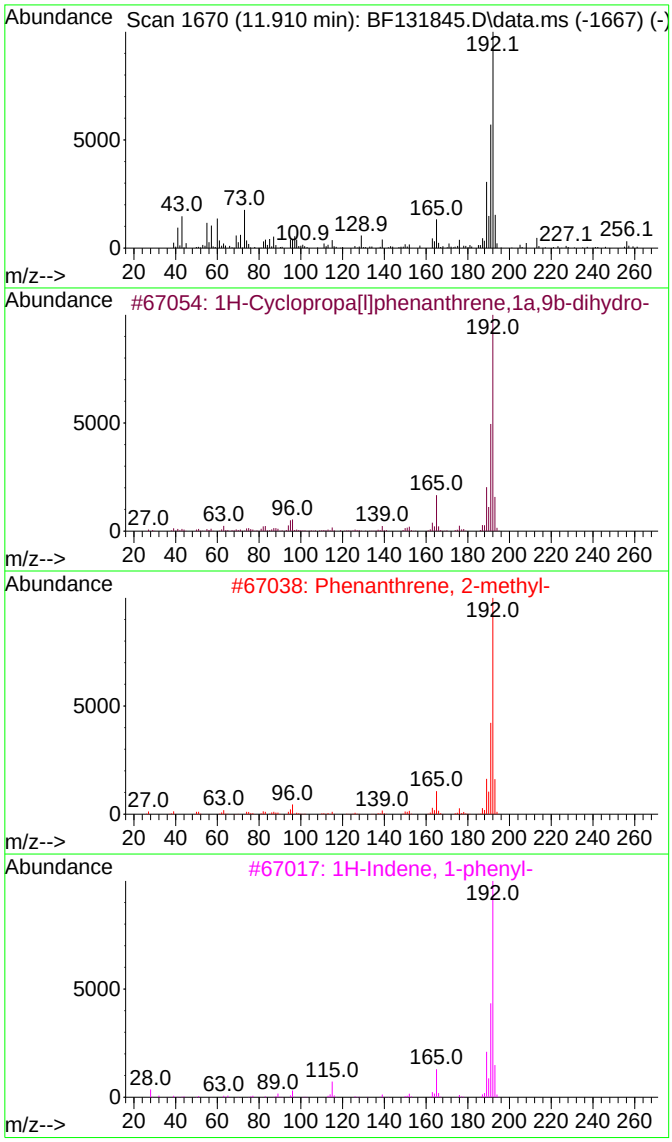
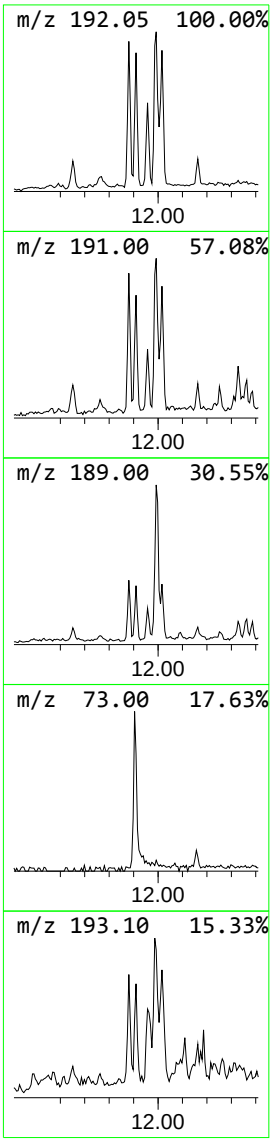
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.17 ng	181774	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : N6088-02
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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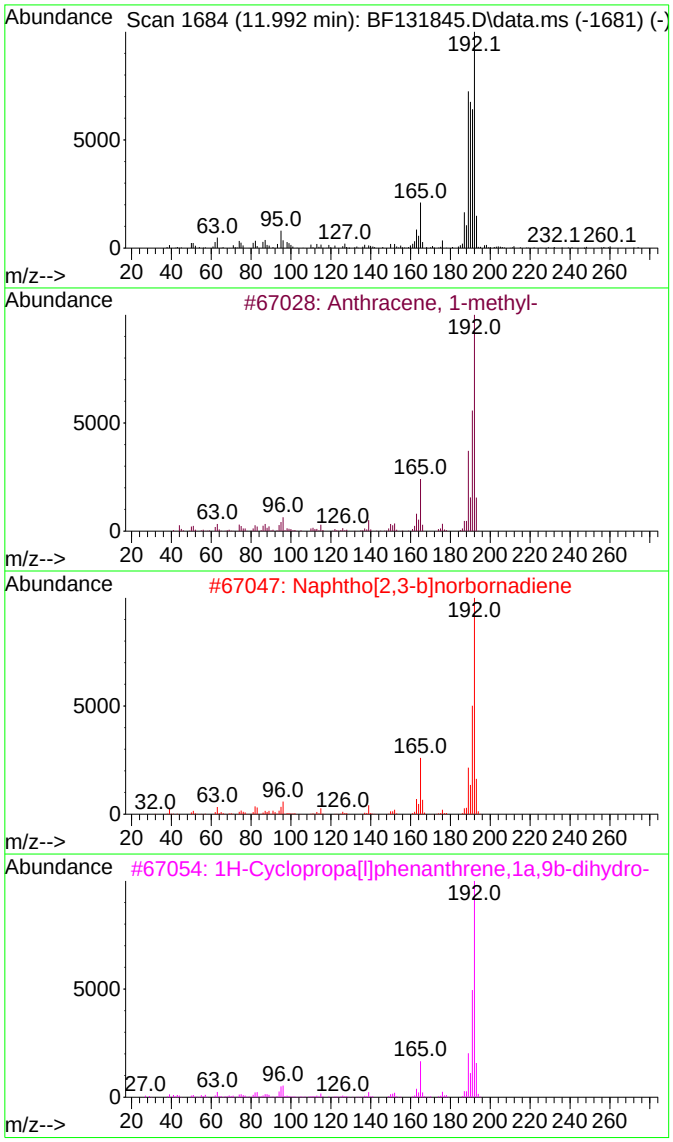
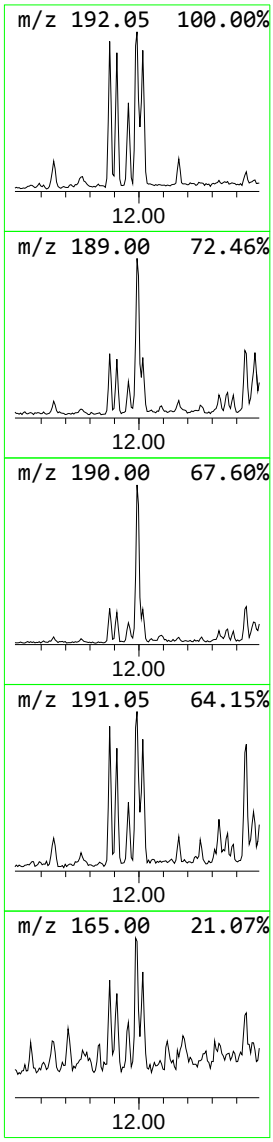
Peak Number 10 Naphtho[2,3-b]norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	7.97 ng	234811	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	58
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	53
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	53





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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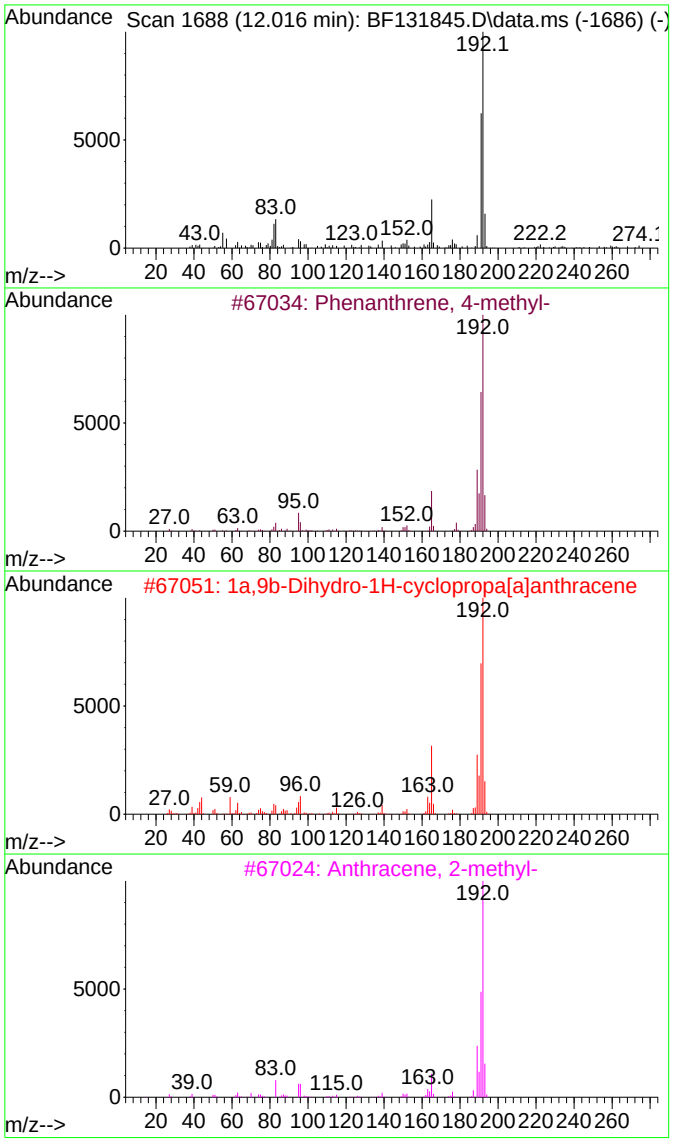
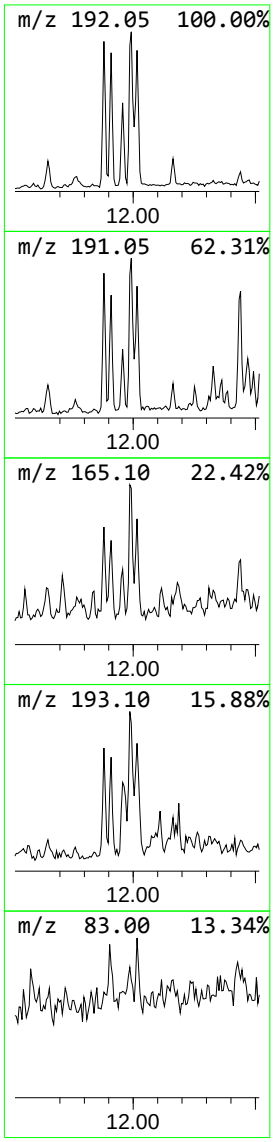
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.83 ng	112976	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





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Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-27-5B02

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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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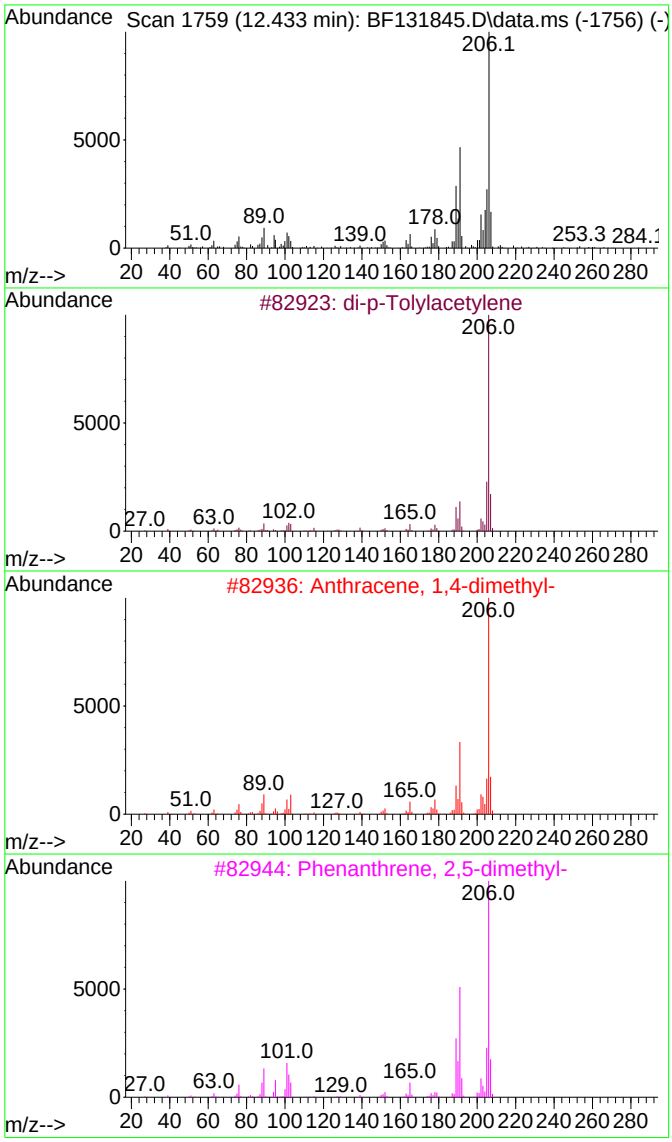
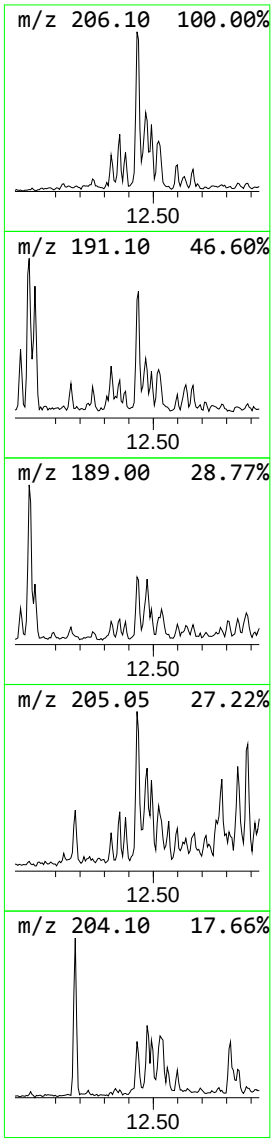
Peak Number 12 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	5.95 ng	175318	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	81





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Sample : N6088-02
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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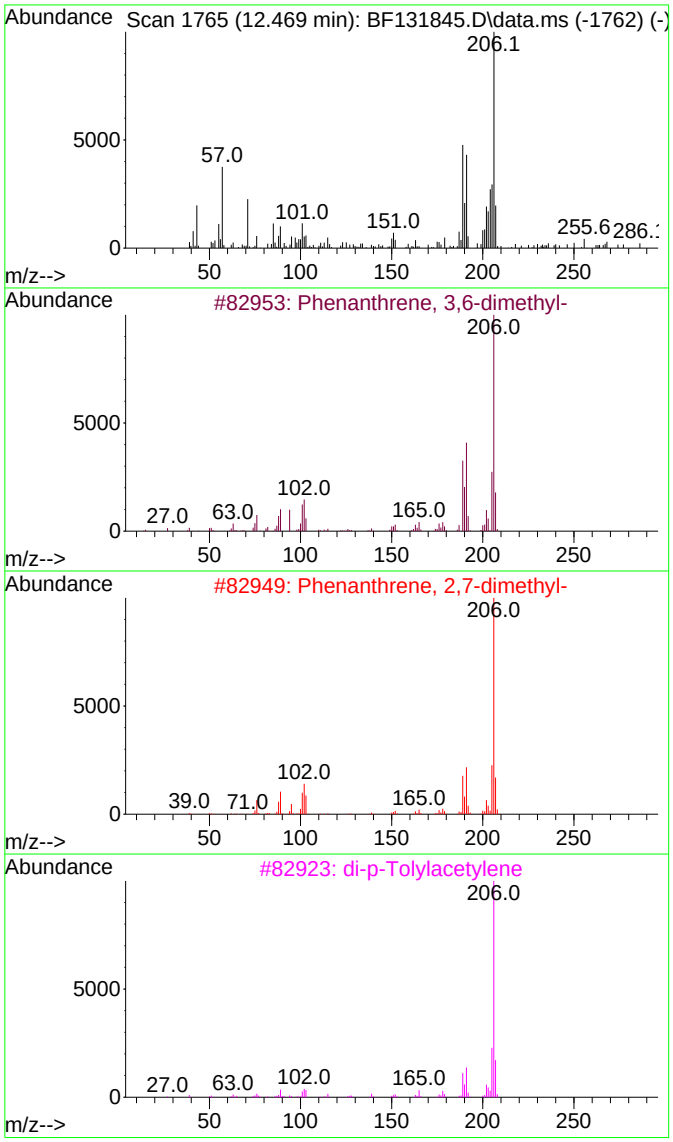
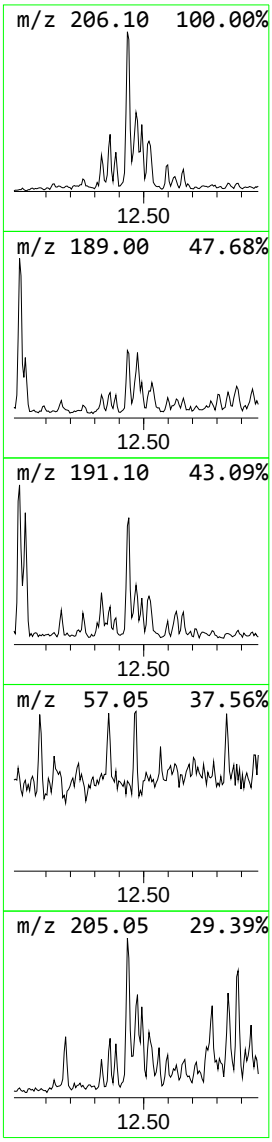
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.30 ng	126889	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60





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Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-27-5B02

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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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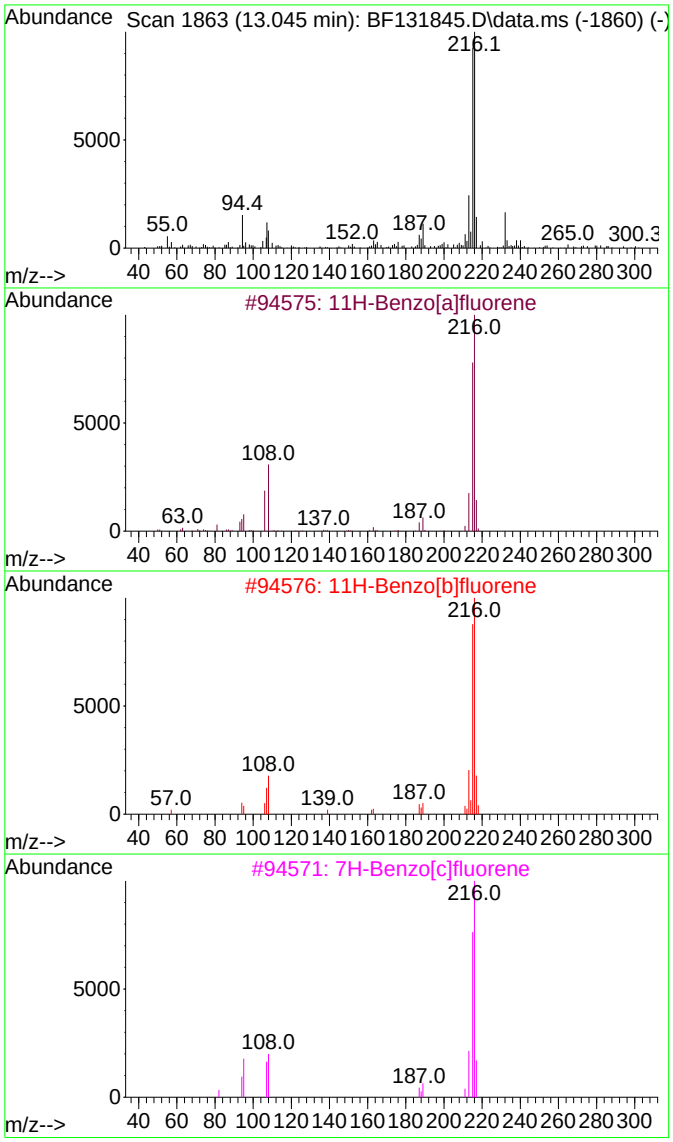
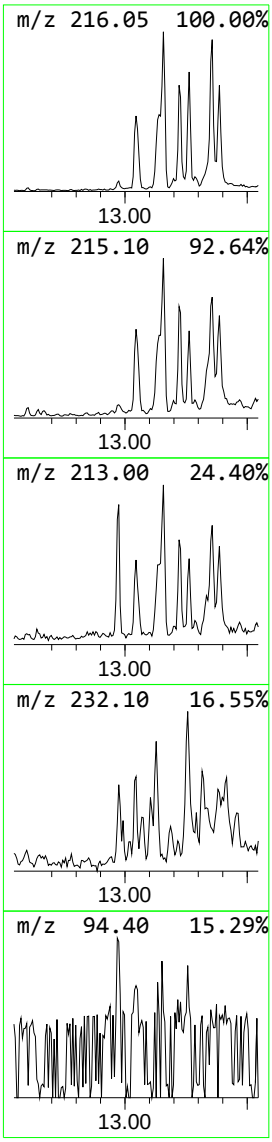
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	3.44 ng	139022	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





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ALS Vial : 14 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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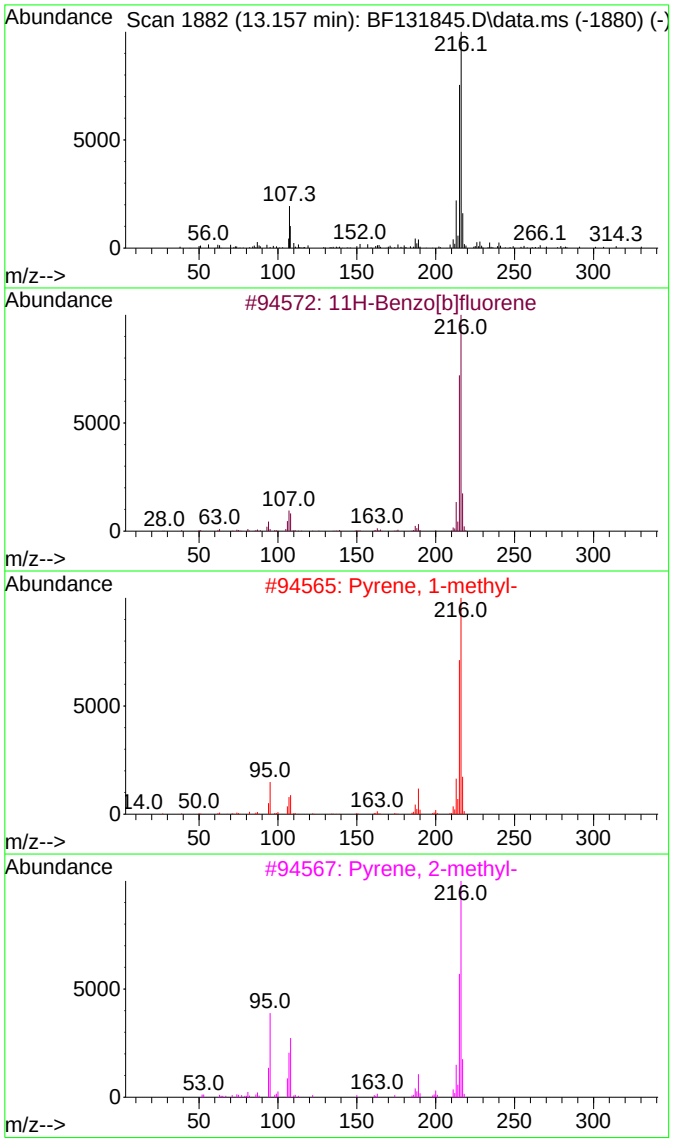
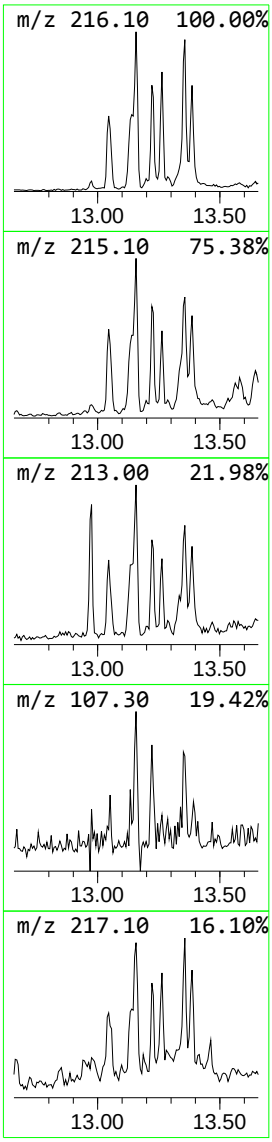
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	4.04 ng	163356	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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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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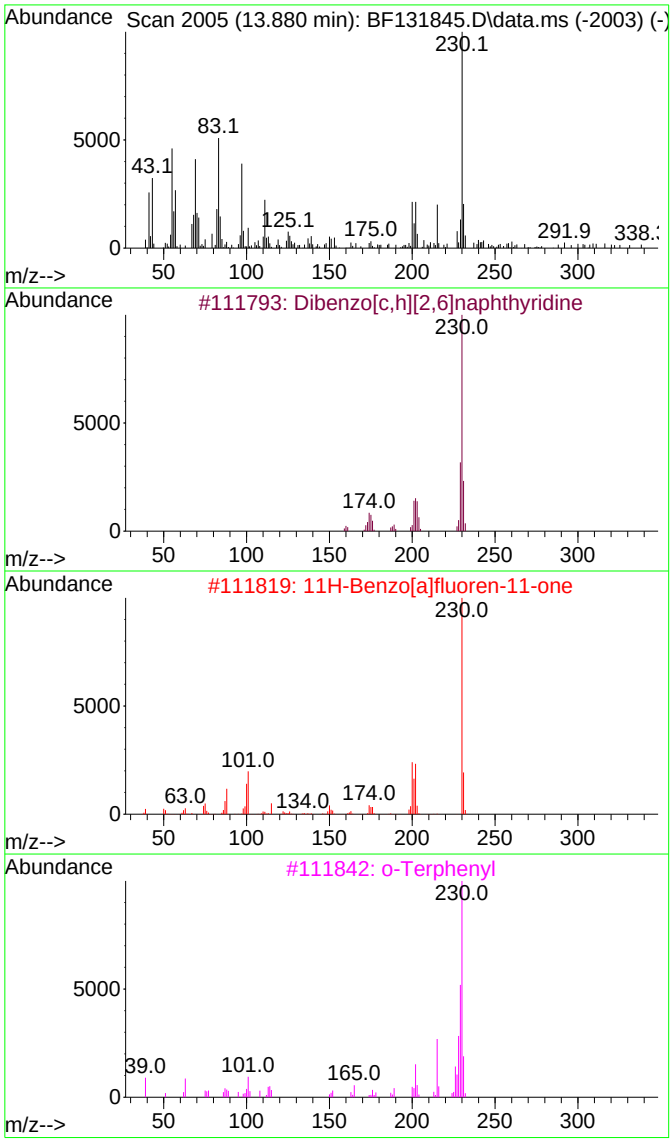
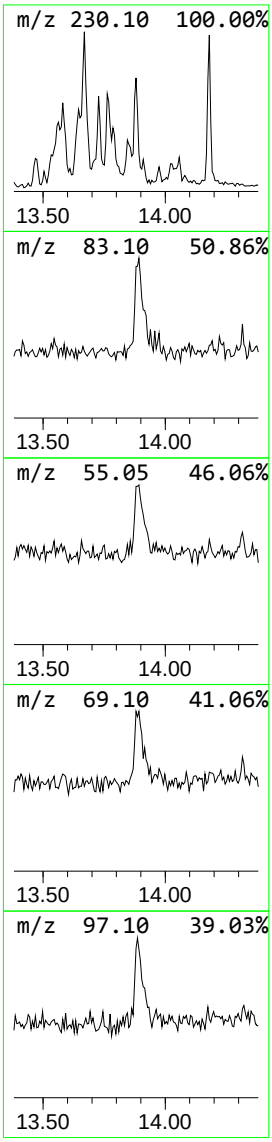
Peak Number 16 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.61 ng	186390	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	50
3	o-Terphenyl	230	C18H14	000084-15-1	43
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
5	p-Terphenyl	230	C18H14	000092-94-4	38





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
B-27-5B02

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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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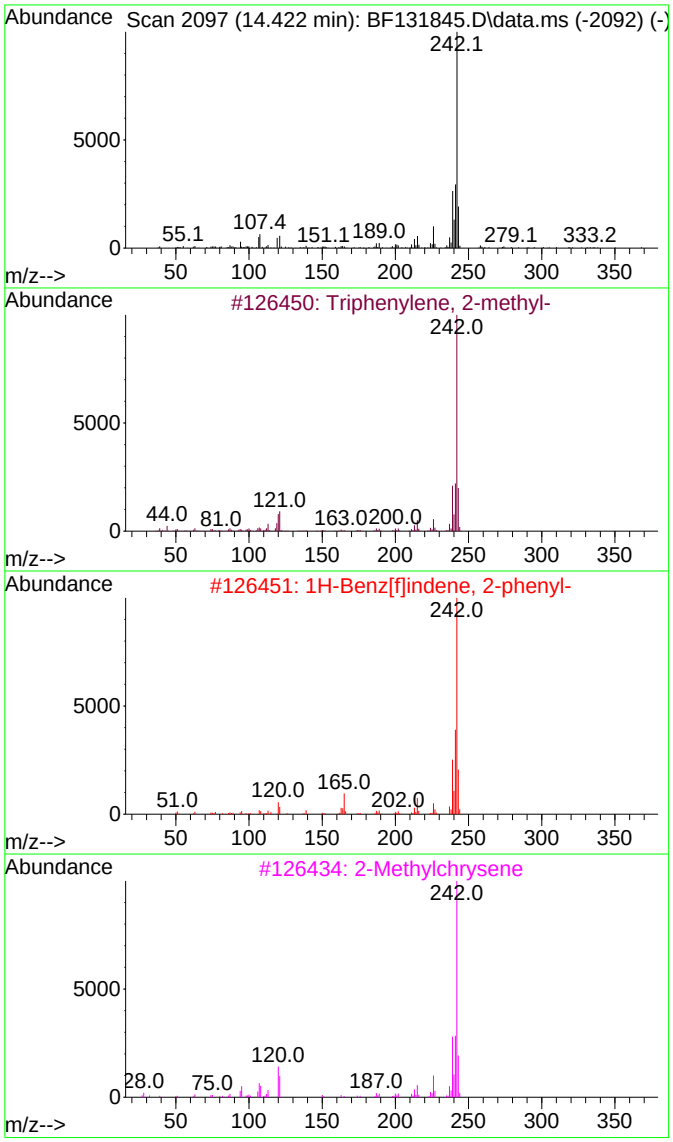
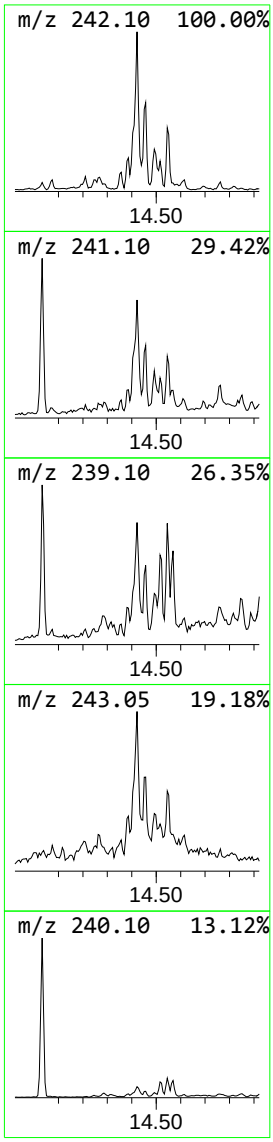
Peak Number 17 Triphenylene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	5.19 ng	209729	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
3	2-Methylchrysene	242	C19H14	003351-32-4	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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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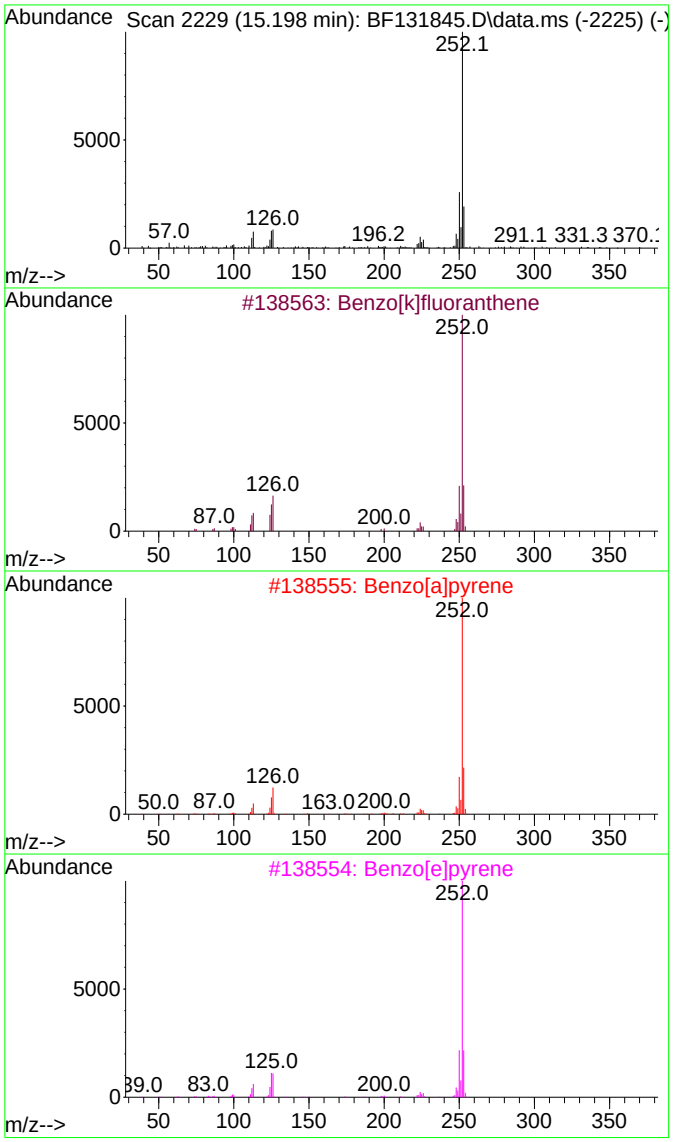
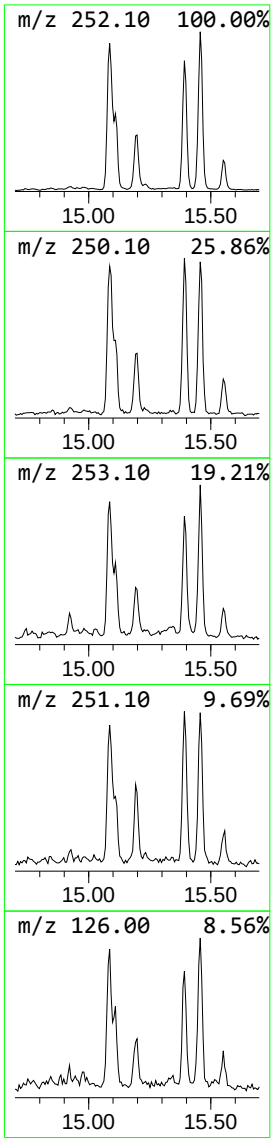
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	7.19 ng	143632	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





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Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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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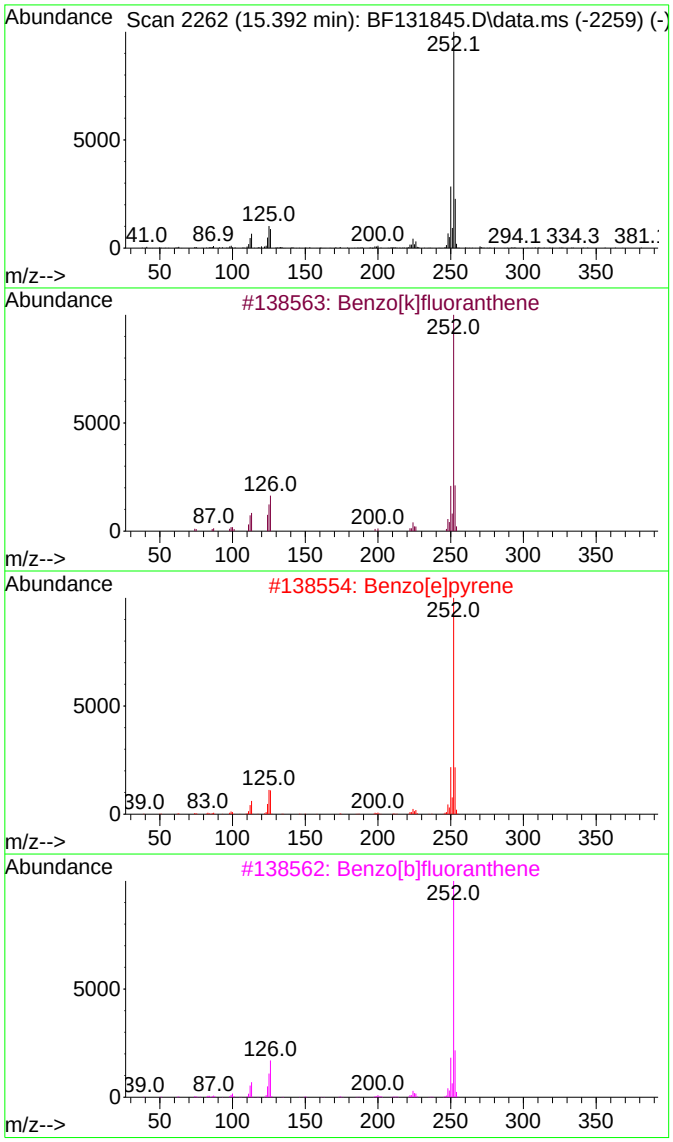
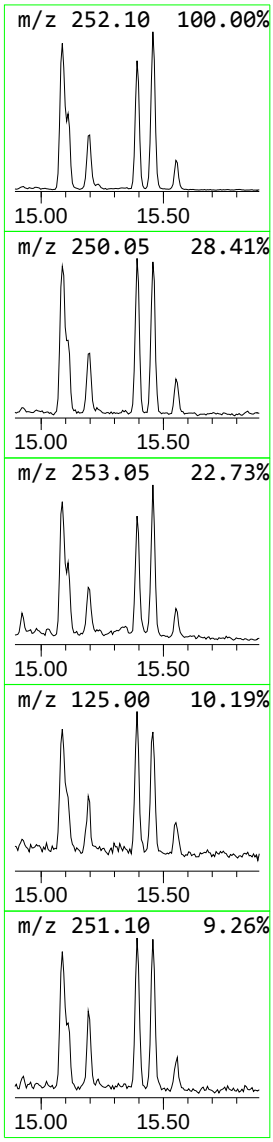
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	15.60 ng	311870	Perylene-d12	15.521

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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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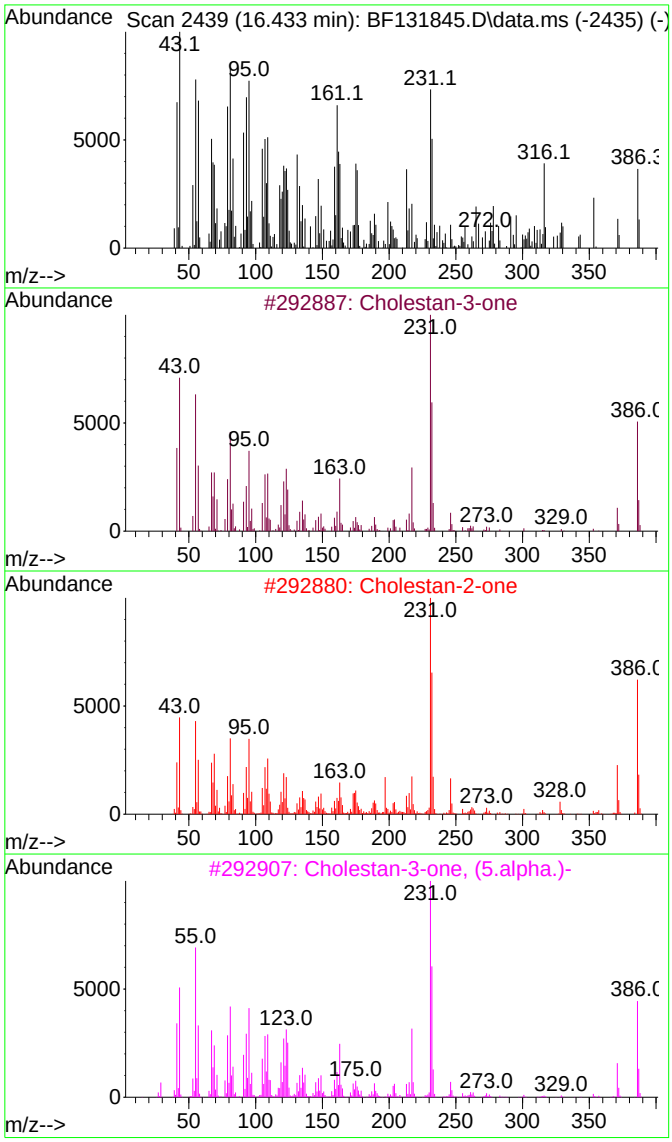
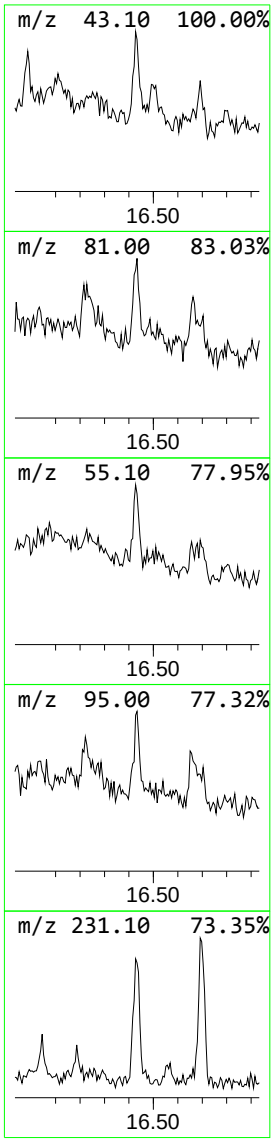
Peak Number 20 Cholestan-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	8.06 ng	161020	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	91
2	Cholestan-2-one	386	C27H46O	1010210-43-4	90
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	89
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	55
5	Cholestane, 5,6-epoxy-, (5.alpha...	386	C27H46O	020230-22-2	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131845.D
Acq On : 27 Dec 2022 19:32
Operator : CG\JU
Sample : N6088-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-27-5B02

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-...	5.040	35.6	ng	798421	1	6.834	447865	20.0
Hexanoic acid, ...	7.545	21.1	ng	586001	2	8.122	554034	20.0
Undecane	9.281	3.5	ng	107406	3	9.886	612511	20.0
Naphthalene, 2-...	9.604	5.5	ng	168459	3	9.886	612511	20.0
Pentadecane, 2,...	10.534	4.0	ng	121305	3	9.886	612511	20.0
Decane, 2-methyl-	10.798	6.3	ng	186237	4	11.381	589566	20.0
Pentadecane	11.269	3.8	ng	111052	4	11.381	589566	20.0
Anthracene, 1-m...	11.881	3.6	ng	106652	4	11.381	589566	20.0
1H-Cyclopropa[l...	11.910	6.2	ng	181774	4	11.381	589566	20.0
Naphtho[2,3-b]n...	11.992	8.0	ng	234811	4	11.381	589566	20.0
Phenanthrene, 4...	12.016	3.8	ng	112976	4	11.381	589566	20.0
di-p-Tolylacety...	12.433	6.0	ng	175318	4	11.381	589566	20.0
Phenanthrene, 3...	12.469	4.3	ng	126889	4	11.381	589566	20.0
11H-Benzo[a]flu...	13.045	3.4	ng	139022	5	14.033	808089	20.0
11H-Benzo[b]flu...	13.157	4.0	ng	163356	5	14.033	808089	20.0
Dibenzo[c,h][2,...	13.880	4.6	ng	186390	5	14.033	808089	20.0
Triphenylene, 2...	14.422	5.2	ng	209729	5	14.033	808089	20.0
Benzo[e]pyrene	15.198	7.2	ng	143632	6	15.521	399754	20.0
Perylene	15.392	15.6	ng	311870	6	15.521	399754	20.0
Cholestan-3-one	16.433	8.1	ng	161020	6	15.521	399754	20.0