LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11938

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131604.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	6	12	19	rVB	366932	472618	28.76%	2.582%
2	2.269	27	31	38	rVB	30664	39542	2.41%	0.216%
3	5.104	509	513	520	rVB	184661	215789	13.13%	1.179%
4	5.516	578	583	586	rBV	1620005	1429623	87.01%	7.811%
5	6.528	750	755	758	rBV	1362600	1434402	87.30%	7.837%
6	6.892	813	817	820	rVB	514358	394696	24.02%	2.157%
7	7.457	908	913	916	rBV	1003052	930520	56.63%	5.084%
8	8.180	1032	1036	1039	rBV	607815	479324	29.17%	2.619%
9	9.263	1215	1220	1223	rBV	2050070	1643080	100.00%	8.977%
10	9.804	1309	1312	1316	rVB	25872	21884	1.33%	0.120%
11	9.945	1332	1336	1340	rBV	620164	503286	30.63%	2.750%
12	10.663	1454	1458	1464	rVB2	23753	24122	1.47%	0.132%
13	10.739	1467	1471	1475	rBV	960812	804588	48.97%	4.396%
14	11.439	1587	1590	1593	rBV	487413	449624	27.36%	2.457%
15	11.463	1593	1594	1598	rVV	125391	89113	5.42%	0.487%
16	11.516	1600	1603	1606	rVB	68567	56662	3.45%	0.310%
17	11.545	1606	1608	1611	rBV2	27499	24989	1.52%	0.137%
18	11.674	1628	1630	1636	rVB2	34628	33564	2.04%	0.183%
19	11.945	1671	1676	1678	rBV2	20659	26475	1.61%	0.145%
20	11.968	1678	1680	1684	rVV2	131254	112947	6.87%	0.617%
21	12.021	1684	1689	1692	rVB2	28819	34822	2.12%	0.190%
22	12.057	1692	1695	1698	rBV2	41270	47078	2.87%	0.257%
23	12.268	1729	1731	1734	rVB	45722	34221	2.08%	0.187%
24	12.498	1766	1770	1773	rBV2	38294	43850	2.67%	0.240%
25	12.586	1782	1785	1791	rBV	38460	42472	2.58%	0.232%
26	12.663	1794	1798	1801	rVB	501962	413343	25.16%	2.258%
27	12.757	1811	1814	1816	rBV	30717	24321	1.48%	0.133%
28	12.892	1831	1837	1842	rBV2	476587	506400	30.82%	2.767%
29	12.939	1842	1845	1850	rVB3	37838	55776	3.39%	0.305%
30	13.010	1853	1857	1858	rBV2	42489	41362	2.52%	0.226%
31	13.039	1858	1862	1868	rVB	1454007	1279843	77.89%	6.993%
32	13.110	1868	1874	1879	rBV3	91265	147773	8.99%	0.807%
33	13.198	1886	1889	1891	rBV3	80133	110111	6.70%	0.602%
34	13.221	1891	1893	1896	rVB	115589	99895	6.08%	0.546%
35	13.257	1896	1899	1902	rBV3	31680	45597	2.78%	0.249%
36	13.292	1902	1905	1907	rVB	62077	51689	3.15%	0.282%

LSC Area Percent Report

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Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.327	1907	1911	1913	rBV2	116402	134617	8.19%	0.736%
38	13.351	1913	1915	1918	rVB	35290	32785	2.00%	0.179%
39	13.380	1918	1920	1923	rVB	32699	27866	1.70%	0.152%
40	13.421	1923	1927	1929	rBV	87658	79746	4.85%	0.436%
41	13.451	1929	1932	1935	rBV2	59870	73346	4.46%	0.401%
42	13.610	1954	1959	1960	rBV3	37131	52680	3.21%	0.288%
43	13.710	1972	1976	1977	rBV3	25590	28104	1.71%	0.154%
44	13.733	1977	1980	1984	rVV	121057	117482	7.15%	0.642%
45	13.792	1988	1990	1993	rVB2	30837	29095	1.77%	0.159%
46	13.845	1994	1999	2002	rBV2	95837	129847	7.90%	0.709%
47	13.874	2002	2004	2006	rVV	89169	76308	4.64%	0.417%
48	13.898	2006	2008	2012	rVV2	79088	96303	5.86%	0.526%
49	13.945	2012	2016	2026	rVV3	88132	218812	13.32%	1.196%
50	14.098	2034	2042	2045	rBV2	560331	1000345	60.88%	5.466%
51	14.127	2045	2047	2054	rVB	579988	488550	29.73%	2.669%
52	14.204	2054	2060	2062	rBV3	97123	125975	7.67%	0.688%
53	14.227	2062	2064	2066	rVB3	53019	41762	2.54%	0.228%
54	14.257	2067	2069	2071	rBV2	24987	23091	1.41%	0.126%
55	14.309	2076	2078	2080	rVV	43651	38723	2.36%	0.212%
56	14.357	2084	2086	2088	rBV	44766	33852	2.06%	0.185%
57	14.451	2100	2102	2104	rBV	30037	28021	1.71%	0.153%
58	14.486	2104	2108	2111	rVB	133514	130111	7.92%	0.711%
59	14.521	2111	2114	2118	rVB2	113638	122609	7.46%	0.670%
60	14.574	2118	2123	2126	rBV4	51257	95230	5.80%	0.520%
61	14.615	2126	2130	2132	rBV2	69561	79681	4.85%	0.435%
62	14.692	2141	2143	2148	rVB3	48142	45911	2.79%	0.251%
63	14.804	2159	2162	2164	rVB	51156	44547	2.71%	0.243%
64	14.886	2174	2176	2179	rBV3	30771	23141	1.41%	0.126%
65	15.068	2204	2207	2211	rBV2	35510	39448	2.40%	0.216%
66	15.168	2219	2224	2227	rBV	535518	828367	50.42%	4.526%
67	15.239	2233	2236	2239	rVB2	61232	71187	4.33%	0.389%
68	15.280	2240	2243	2246	rBV	62584	65934	4.01%	0.360%
69	15.486	2273	2278	2284	rVB	271518	380469	23.16%	2.079%
70	15.551	2284	2289	2295	rBV	289098	358606	21.83%	1.959%
71	15.615	2295	2300	2303	rVV2	291561	391952	23.85%	2.142%
72	15.645	2303	2305	2312	rVB2	103325	158300	9.63%	0.865%
73	16.098	2380	2382	2388	rVB4	32890	41616	2.53%	0.227%
74	17.145	2554	2560	2567	rVB2	99923	195435	11.89%	1.068%
75	17.392	2598	2602	2609	rBV3	24036	53929	3.28%	0.295%
76	17.609	2633	2639	2645	rVB	65852	133354	8.12%	0.729%

LSC Area Percent Report

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Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

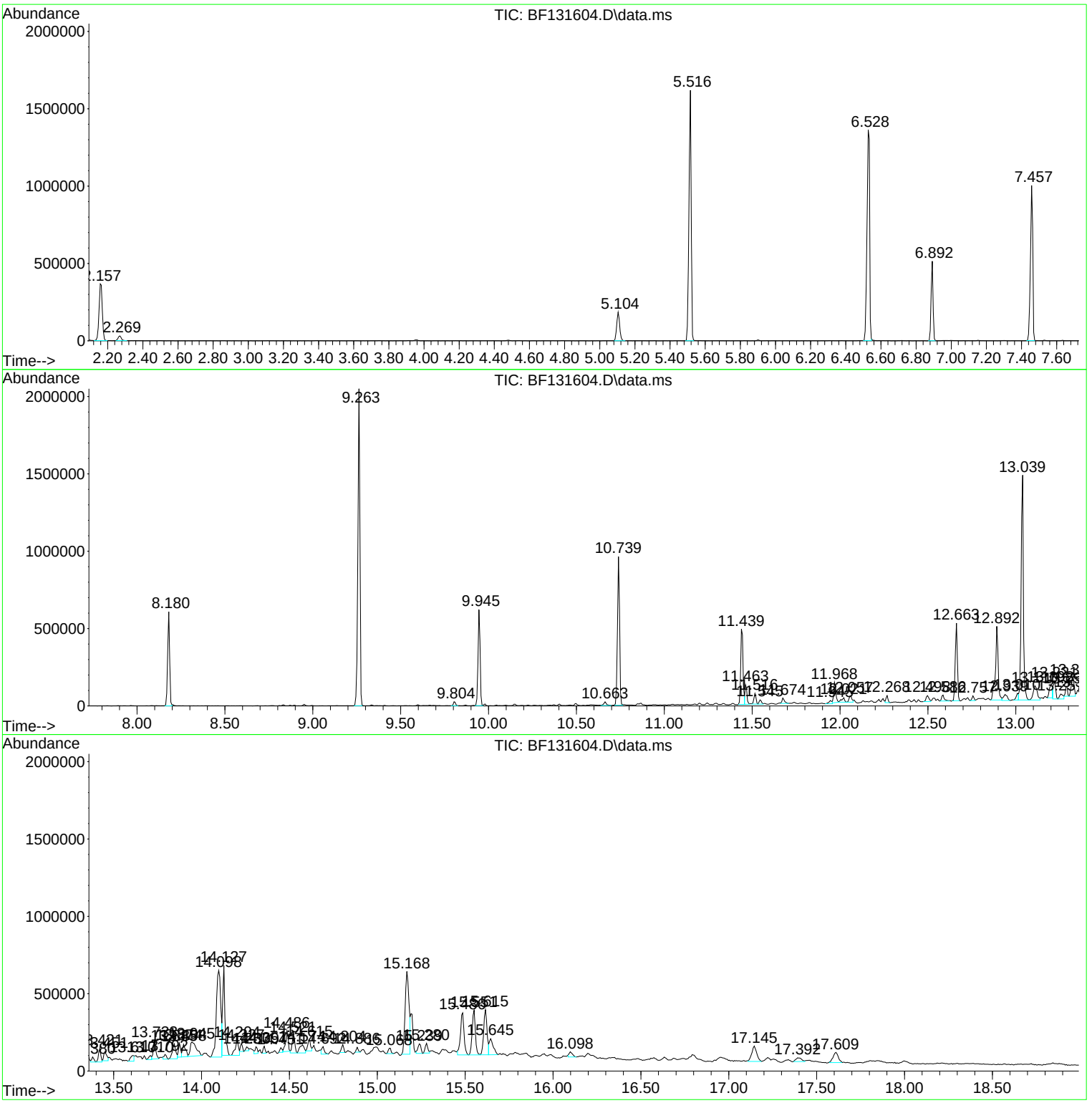
Sum of corrected areas: 18302538

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

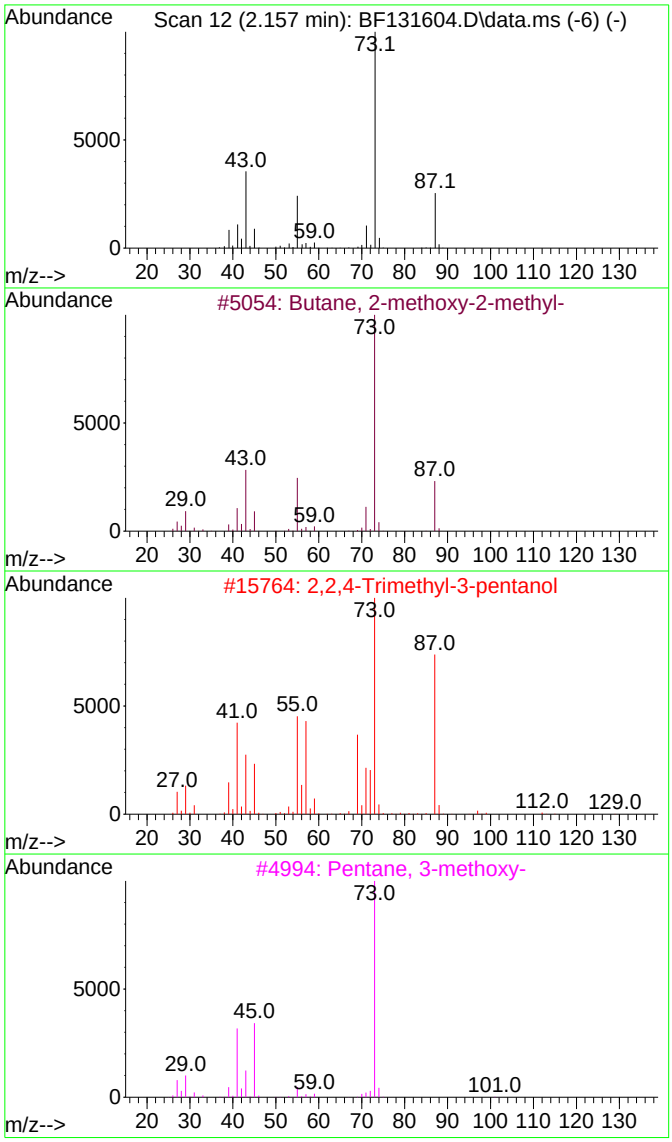
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

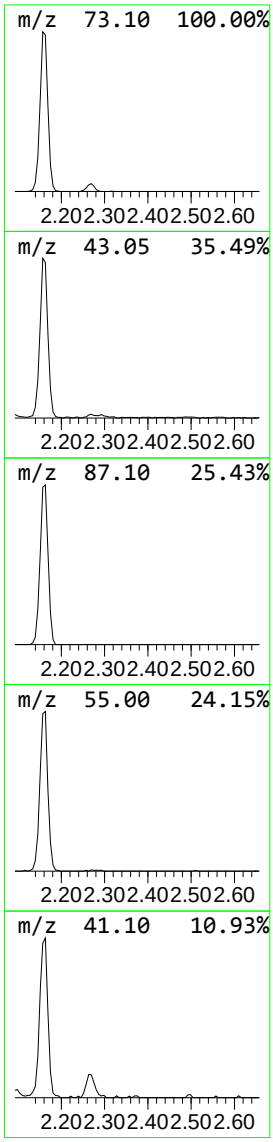
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	23.95 ng	472618	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

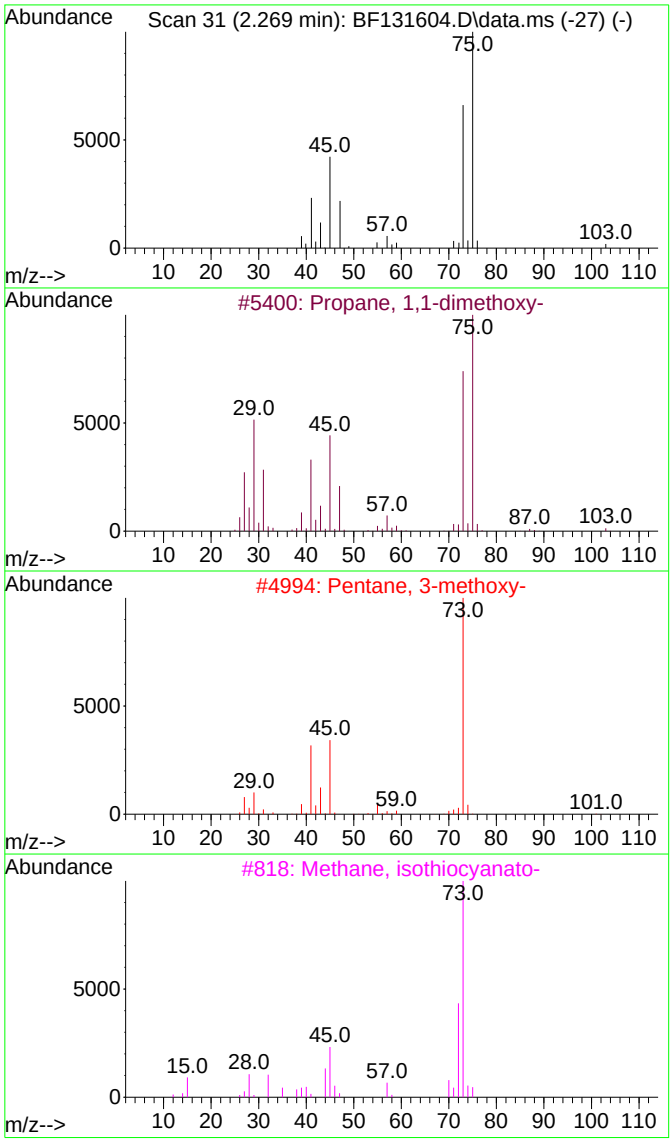
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

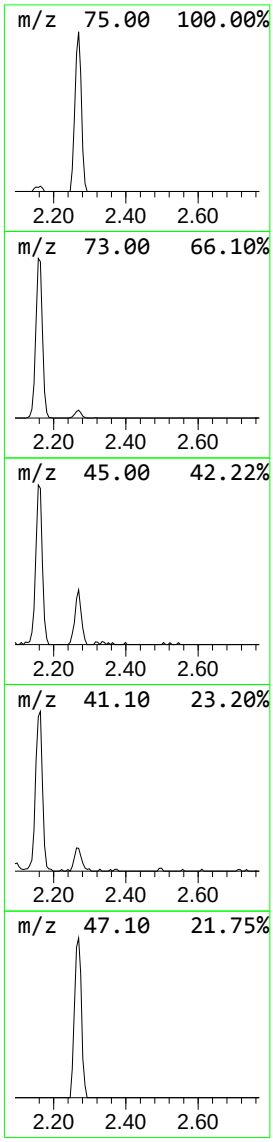
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	2.00 ng	39542	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

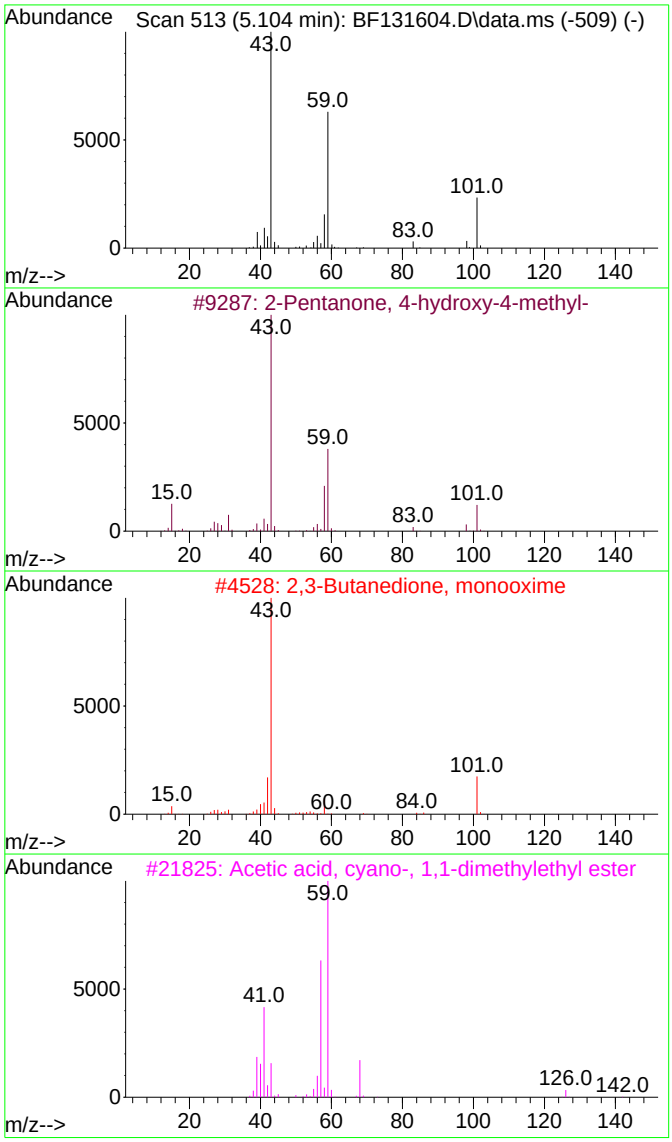
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

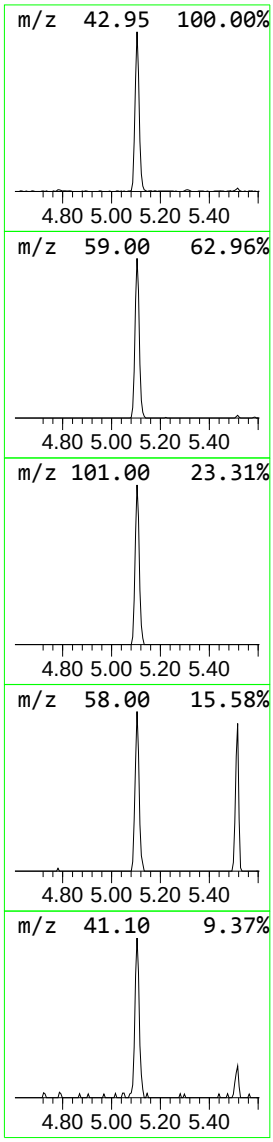
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	10.93 ng	215789	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
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ALS Vial : 17 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

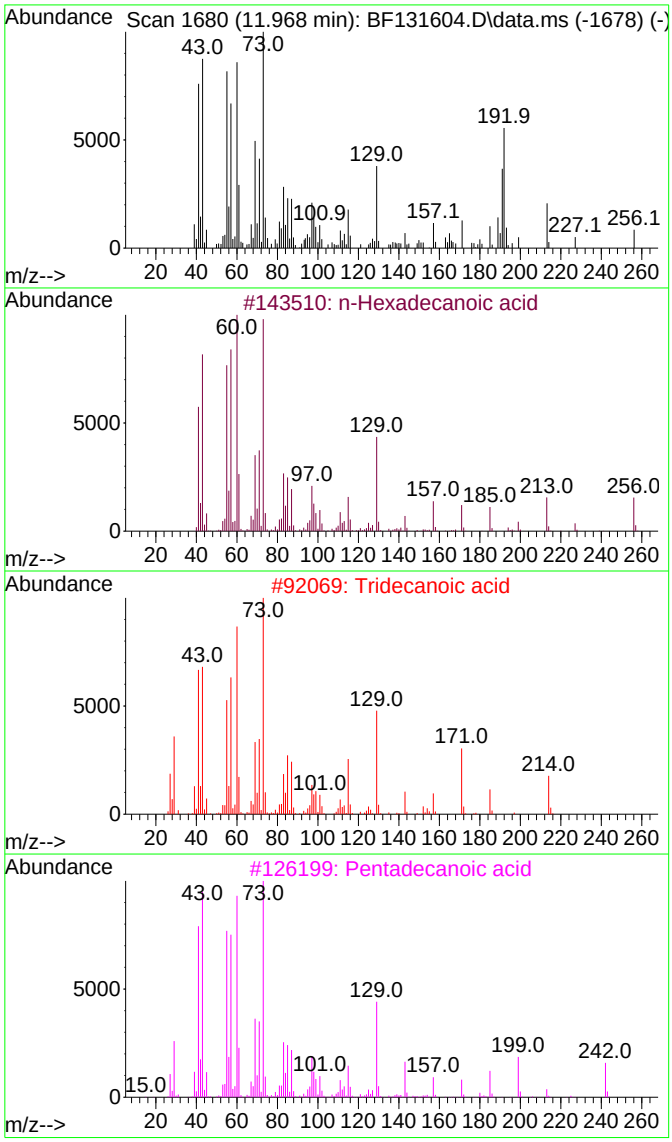
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

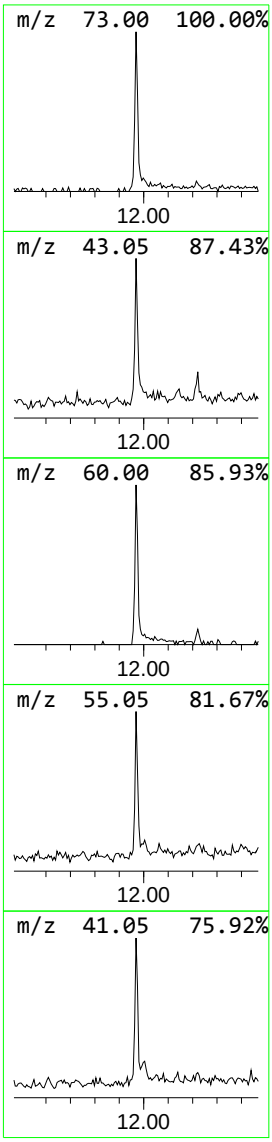
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	5.02 ng	112947	Phenanthrene-d10	11.439

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	70
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
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Sample : N5988-02
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

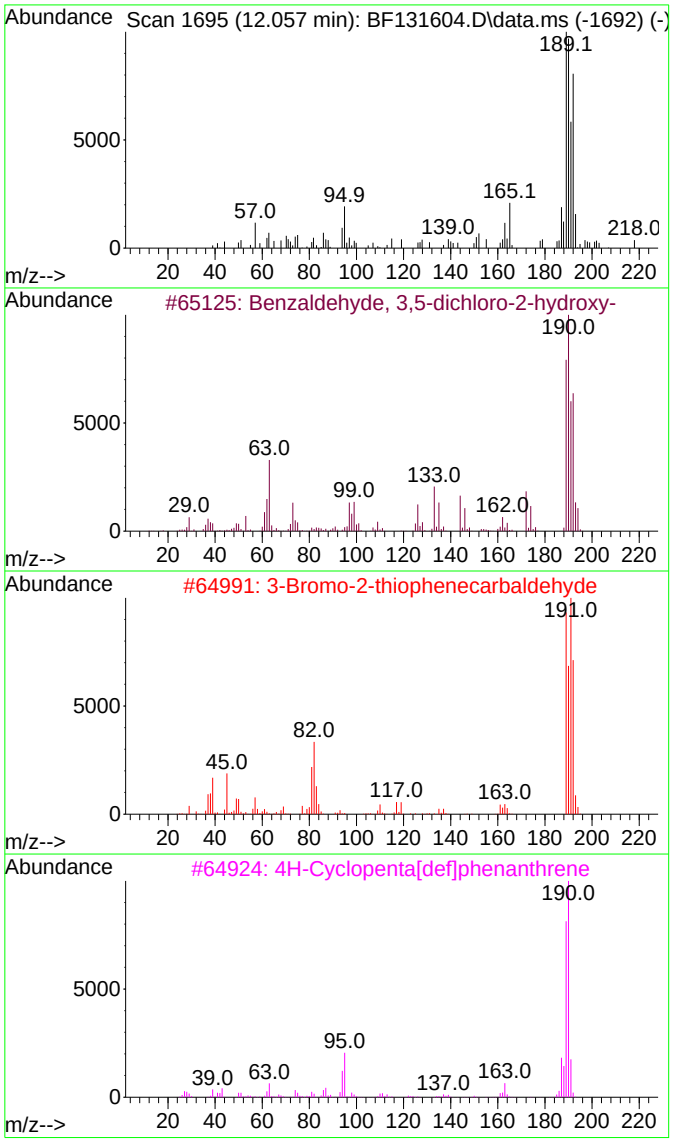
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

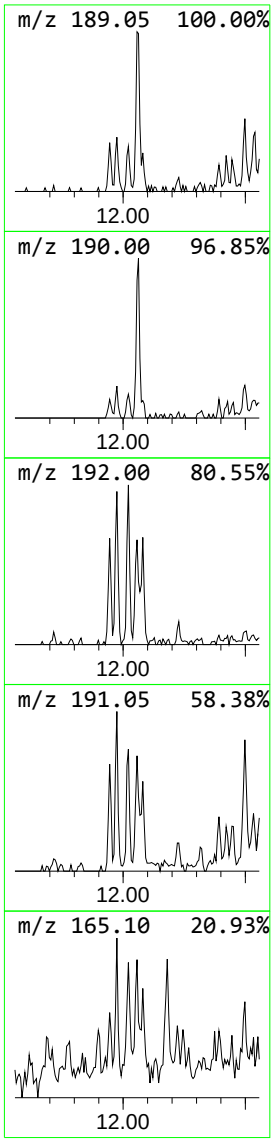
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	2.09 ng	47078	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	53
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

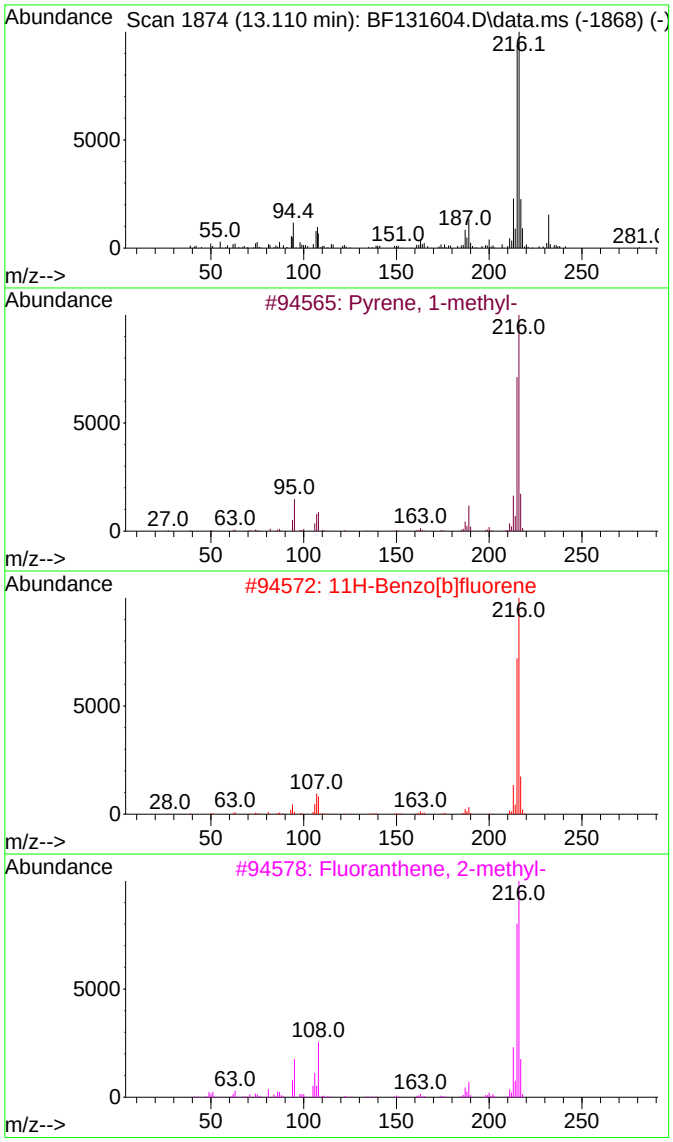
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

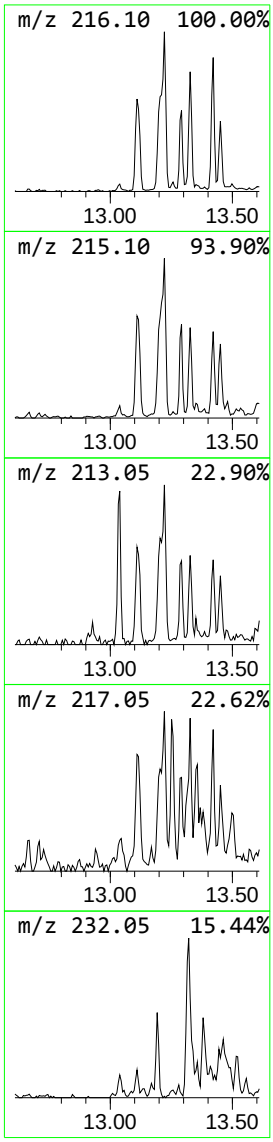
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.95 ng	147773	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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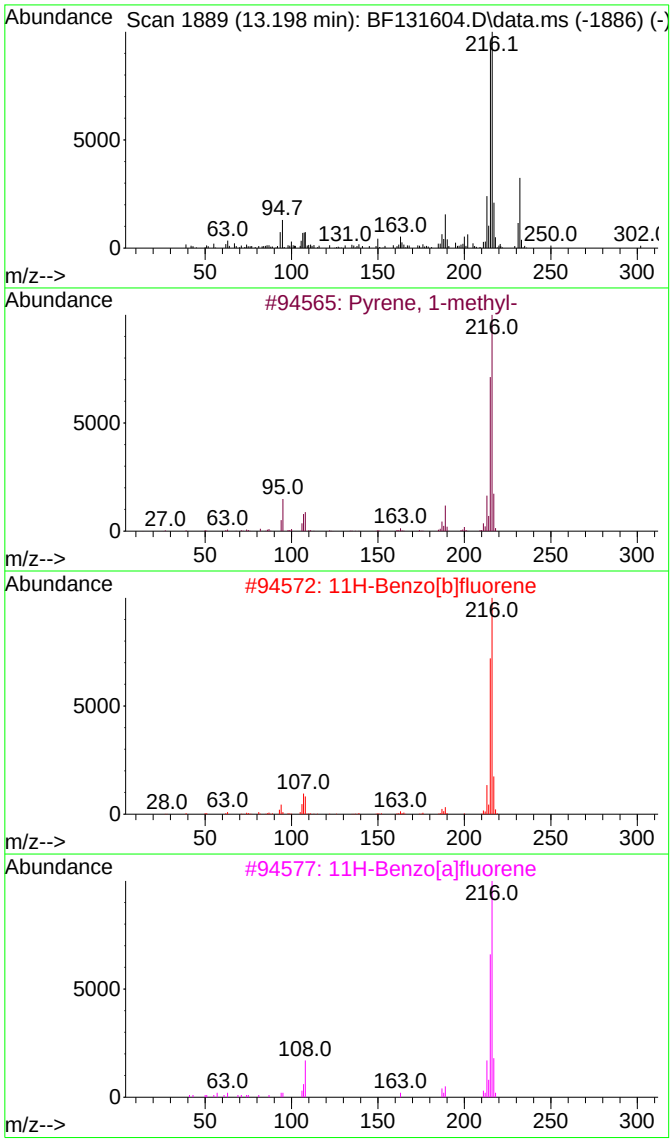
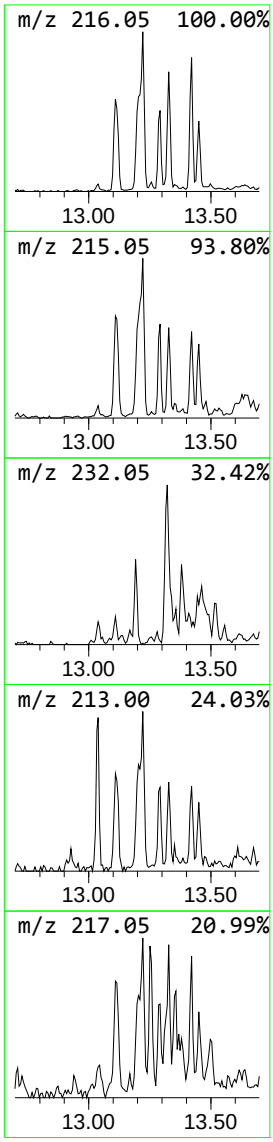
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	2.20 ng	110111	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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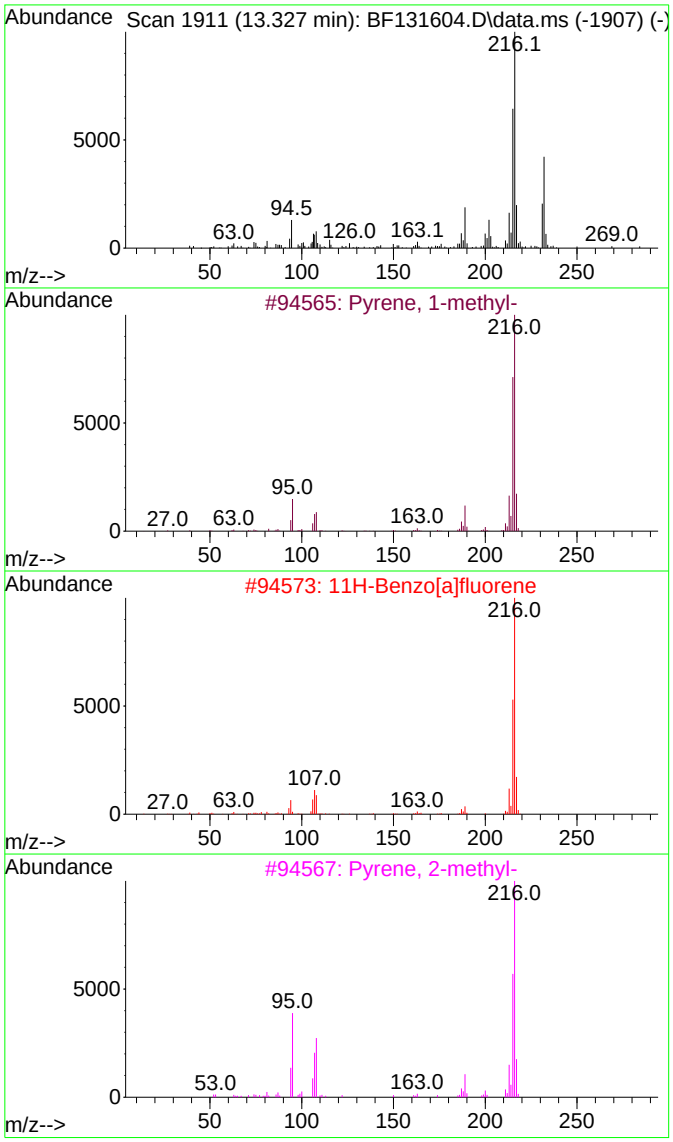
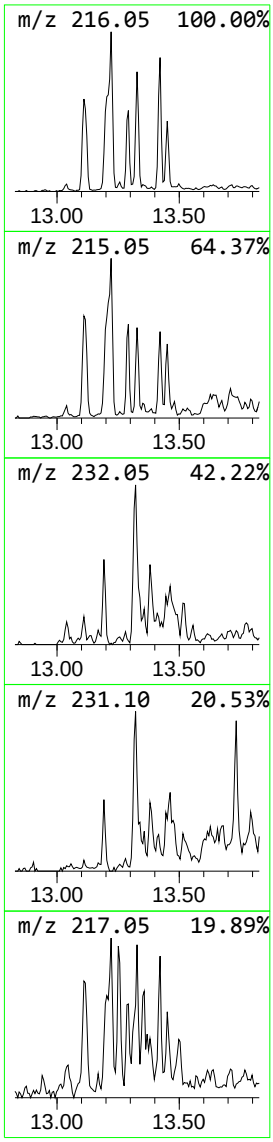
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	2.69 ng	134617	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





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Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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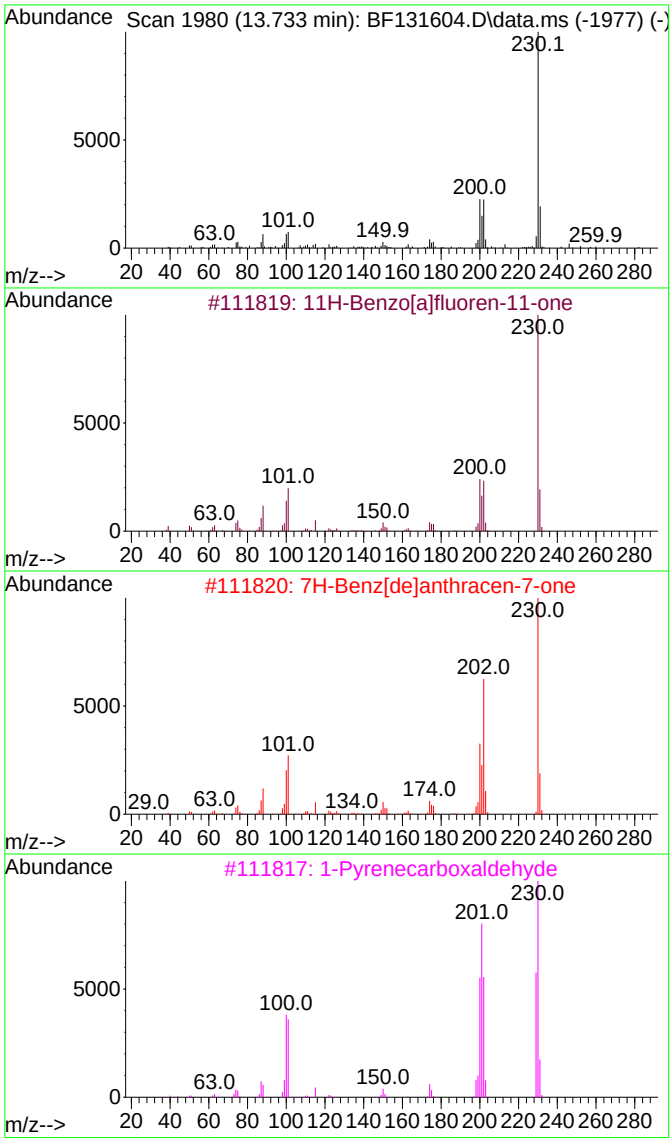
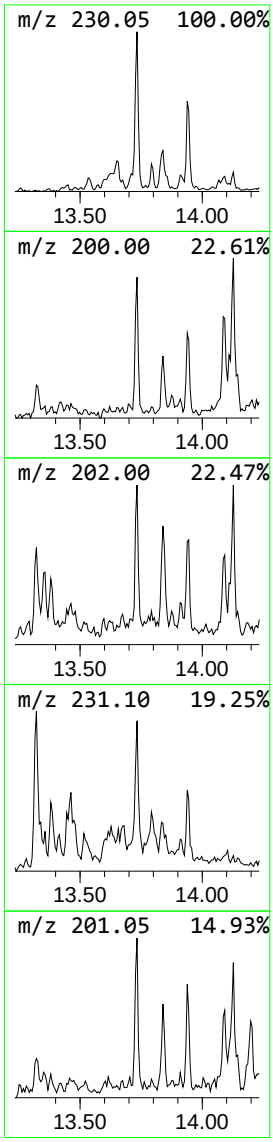
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	2.35 ng	117482	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
5	p-Terphenyl	230	C18H14	000092-94-4	50





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Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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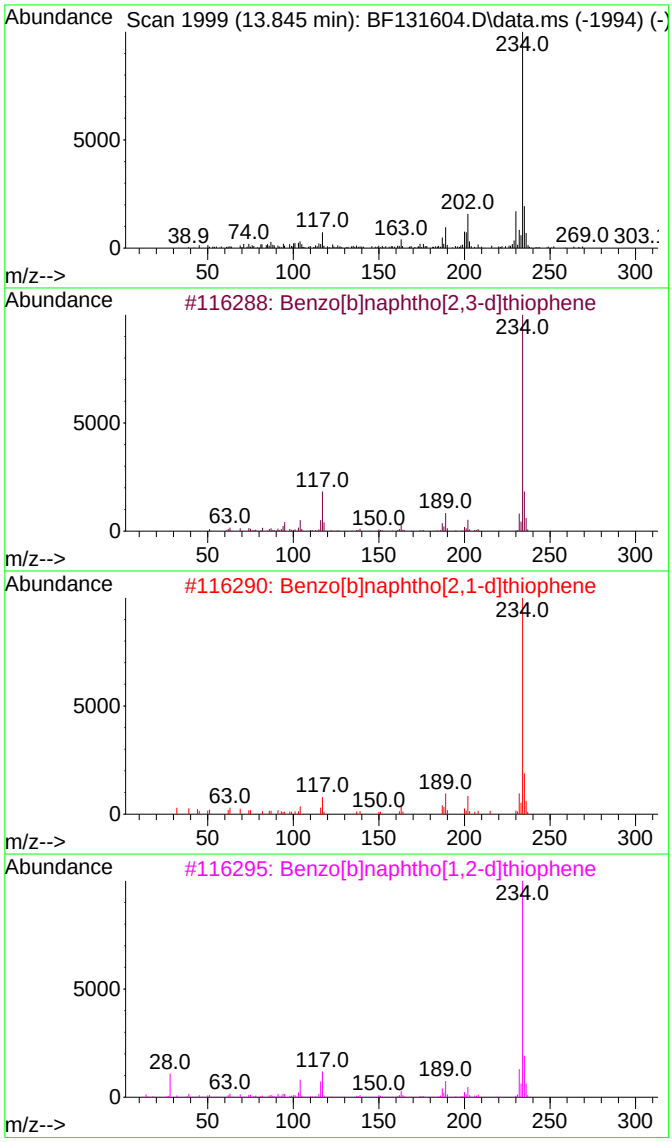
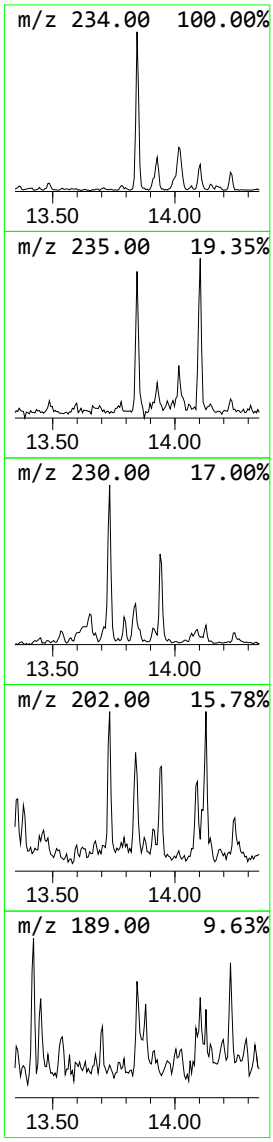
Peak Number 10 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	2.60 ng	129847	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64





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Misc :
ALS Vial : 17 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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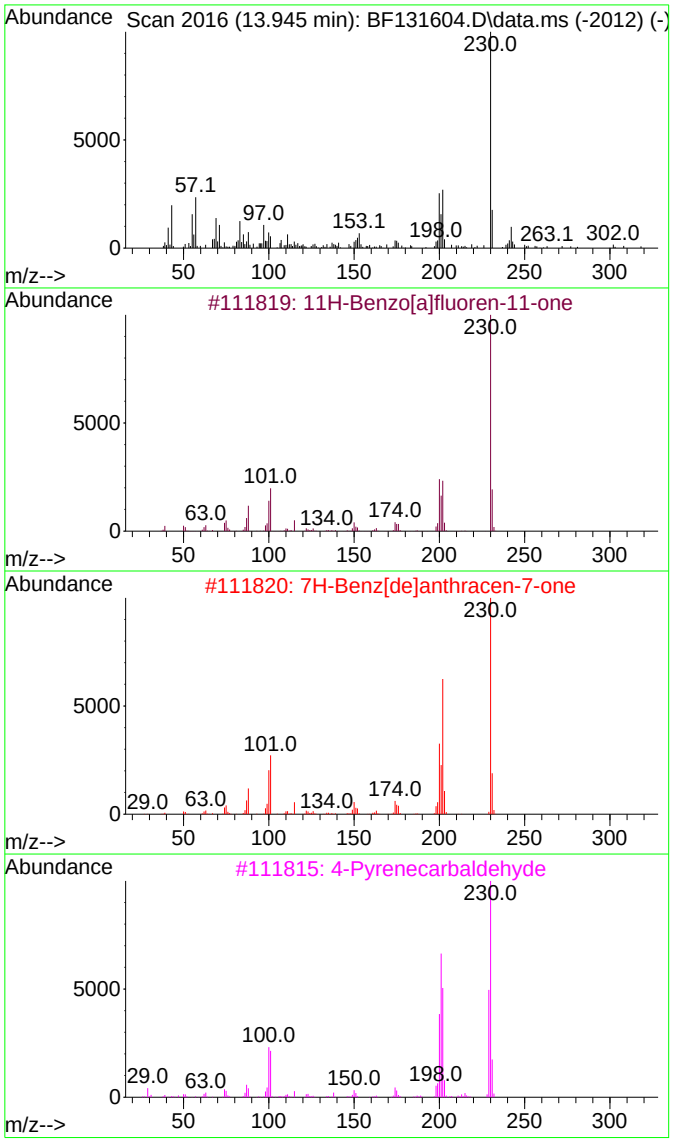
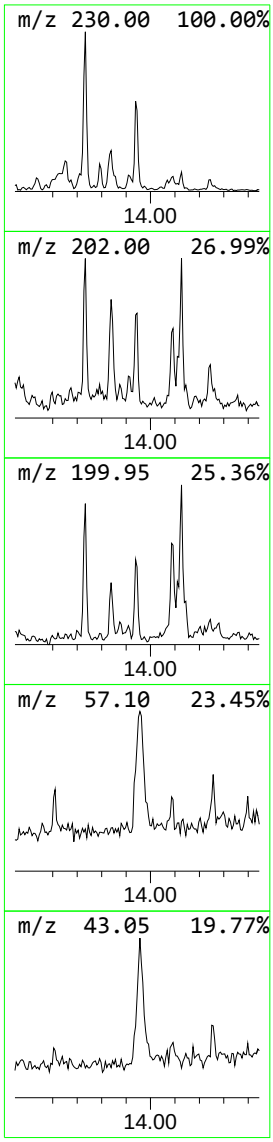
Peak Number 11 7H-Benz[de]anthracen-7-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	4.37 ng	218812	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5	p-Terphenyl	230	C18H14	000092-94-4	49





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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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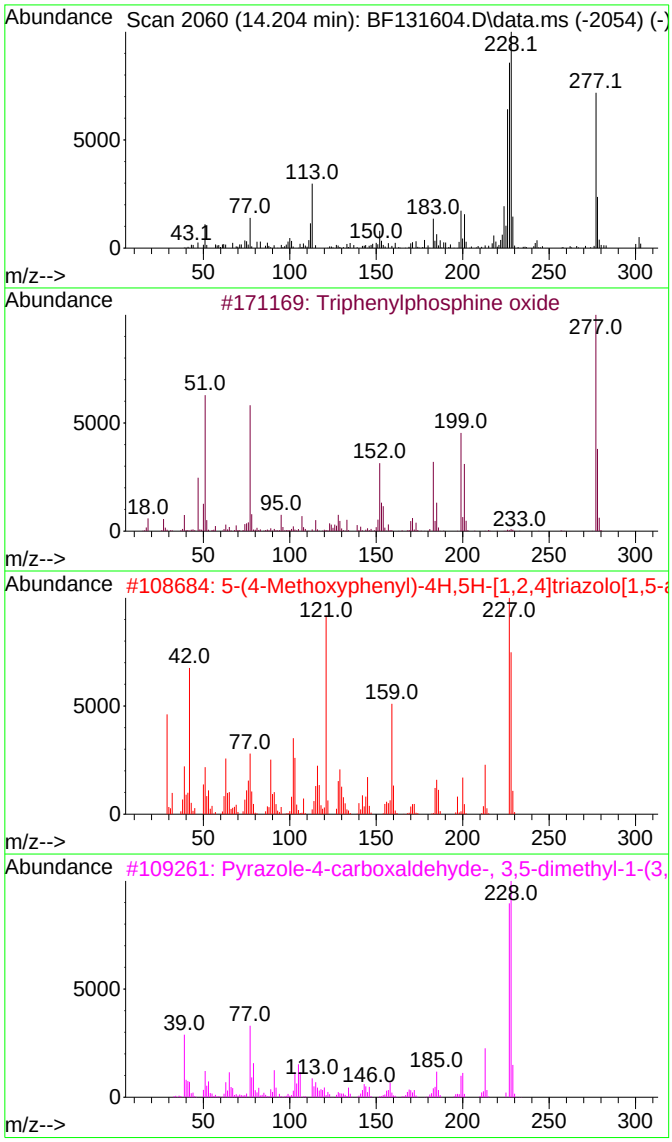
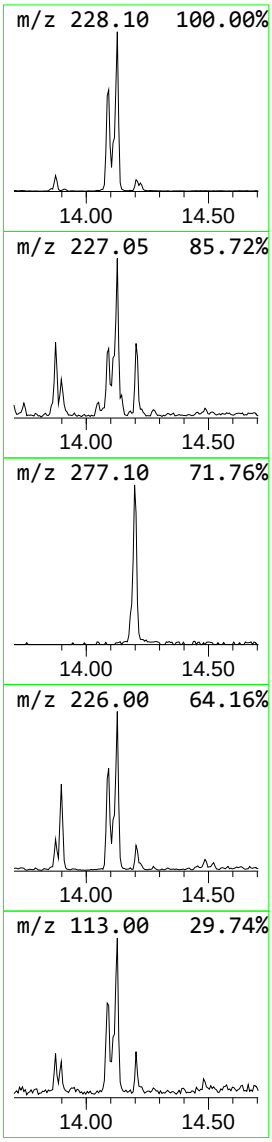
Peak Number 12 Triphenylphosphine oxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	2.52 ng	125975	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	53
2	5-(4-Methoxyphenyl)-4H,5H-[1,2,4...	228	C12H12N4O	1000459-36-6	43
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	38
5	4-[(3-Methoxy-phenylimino)-methy...	227	C14H13NO2	1000294-23-9	27





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Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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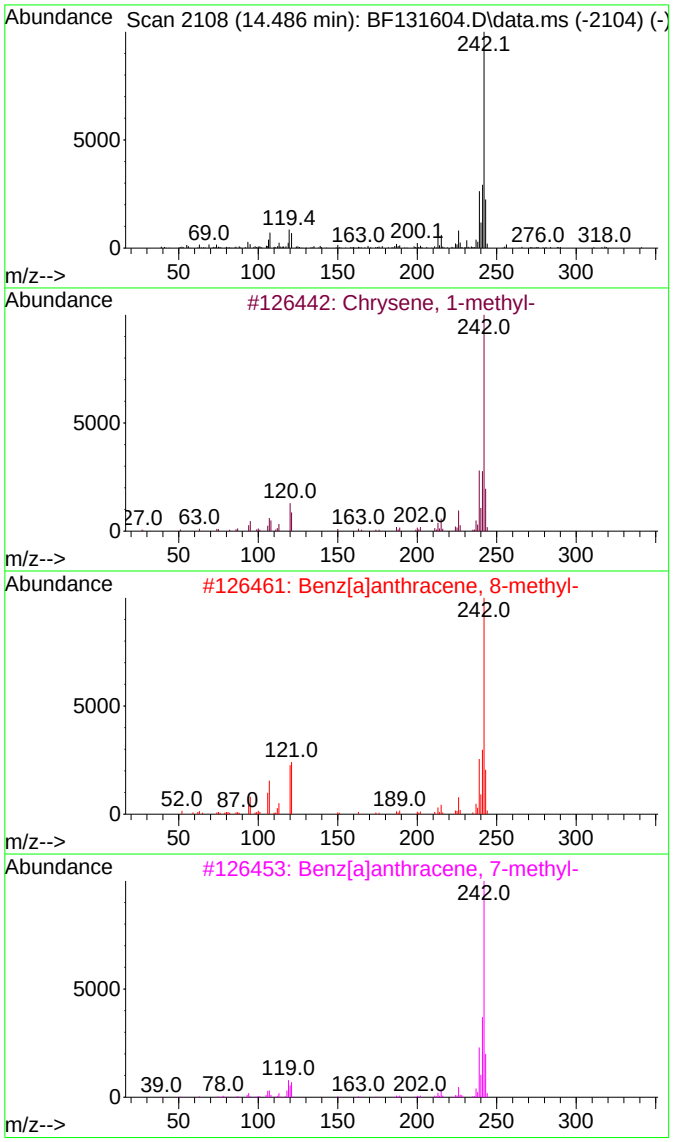
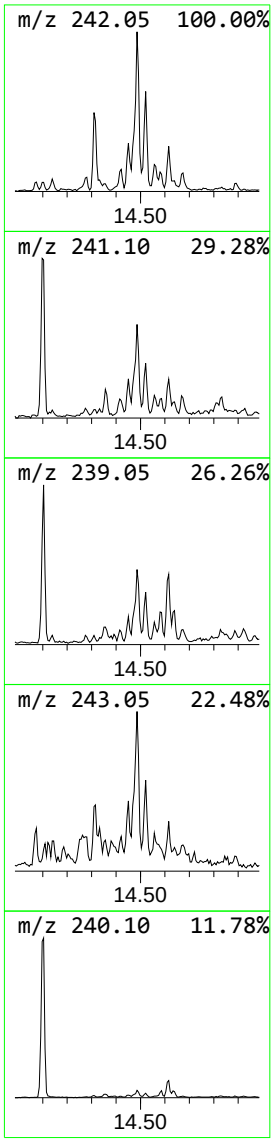
Peak Number 13 Chrysene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	2.60 ng	130111	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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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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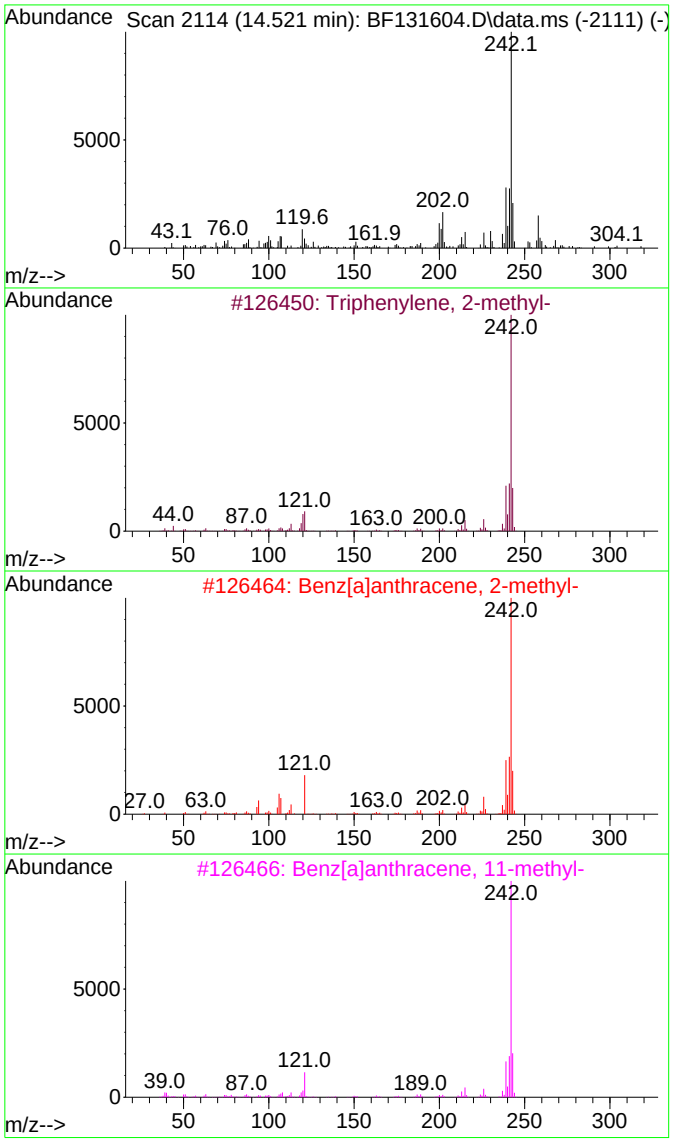
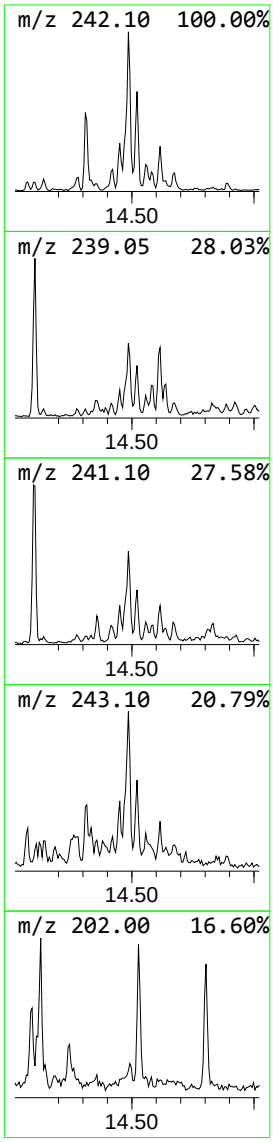
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.521	2.45 ng	122609	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	86
3	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	86
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	78
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	70





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Misc :
ALS Vial : 17 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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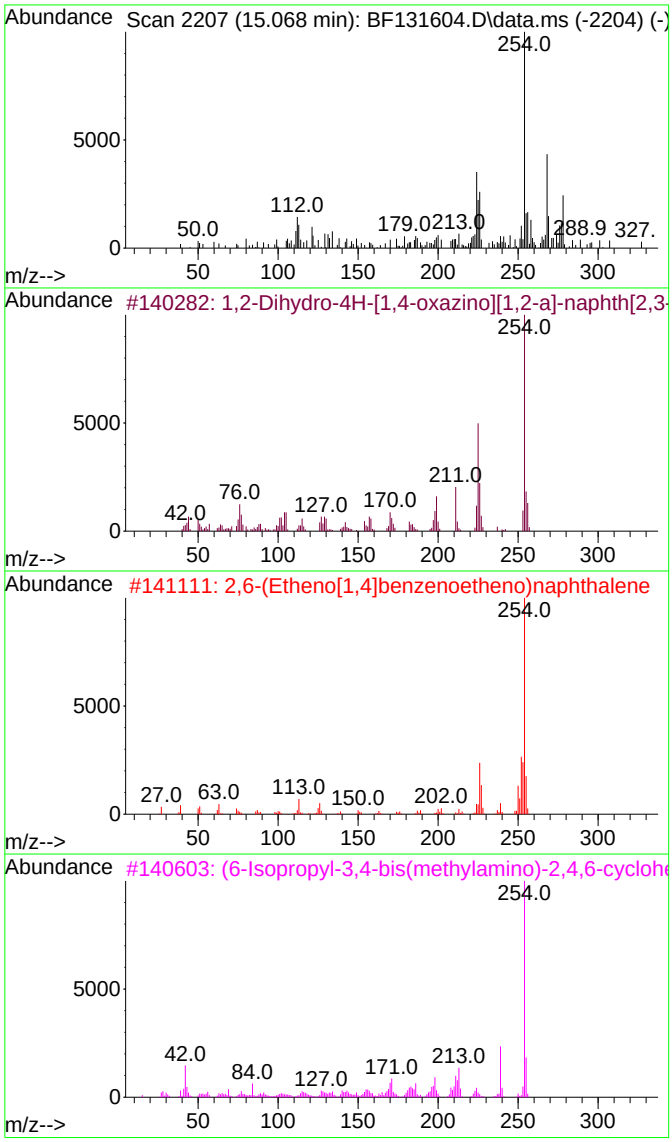
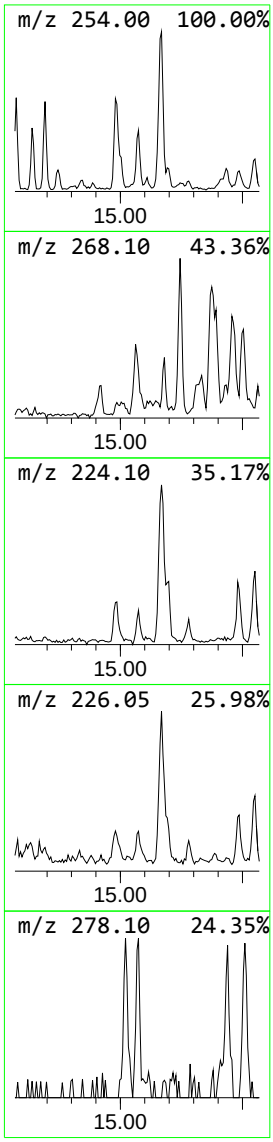
Peak Number 15 unknown15.068 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.068	2.01 ng	39448	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydro-4H-[1,4-oxazino][1,2...	254	C14H10N2O3	038066-84-1	38
2	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	38
3	(6-Isopropyl-3,4-bis(methylamino...	254	C15H18N4	014203-76-0	38
4	Chrysin	254	C15H10O4	000480-40-0	30
5	1(3H)-Isobenzofuranone, 5-hydrox...	254	C15H10O4	056783-95-0	27





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ALS Vial : 17 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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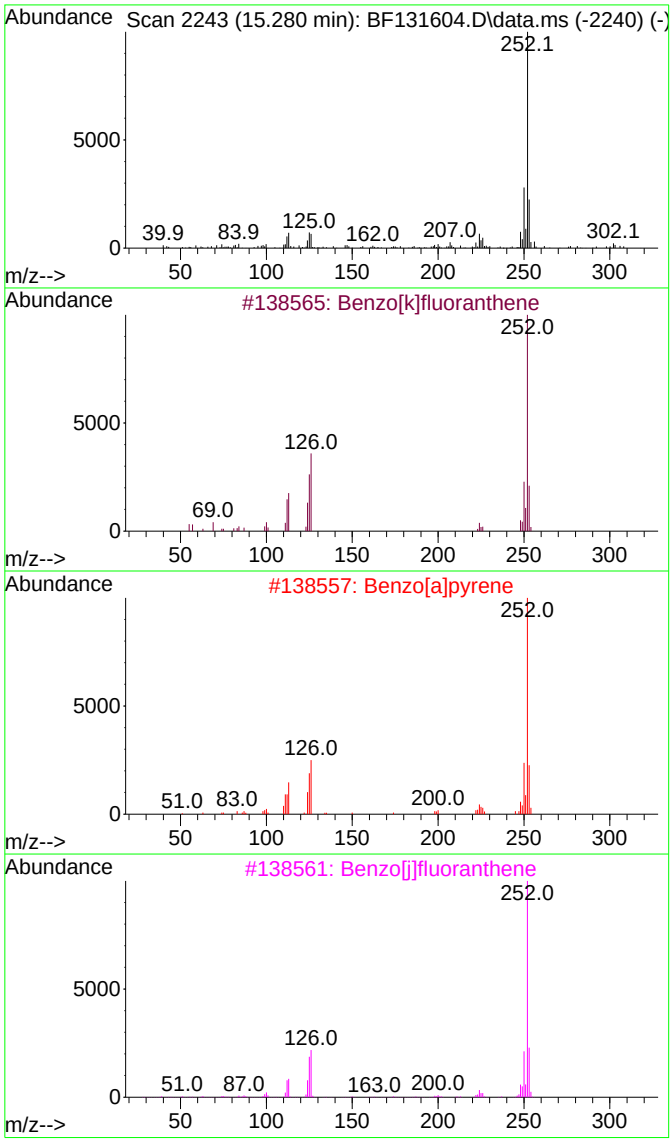
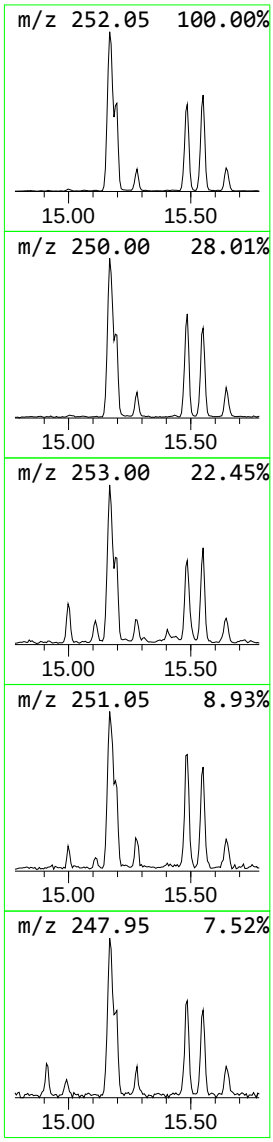
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	3.36 ng	65934	Perylene-d12	15.615

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[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[e]pyrene	252	C20H12	000192-97-2	76





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ALS Vial : 17 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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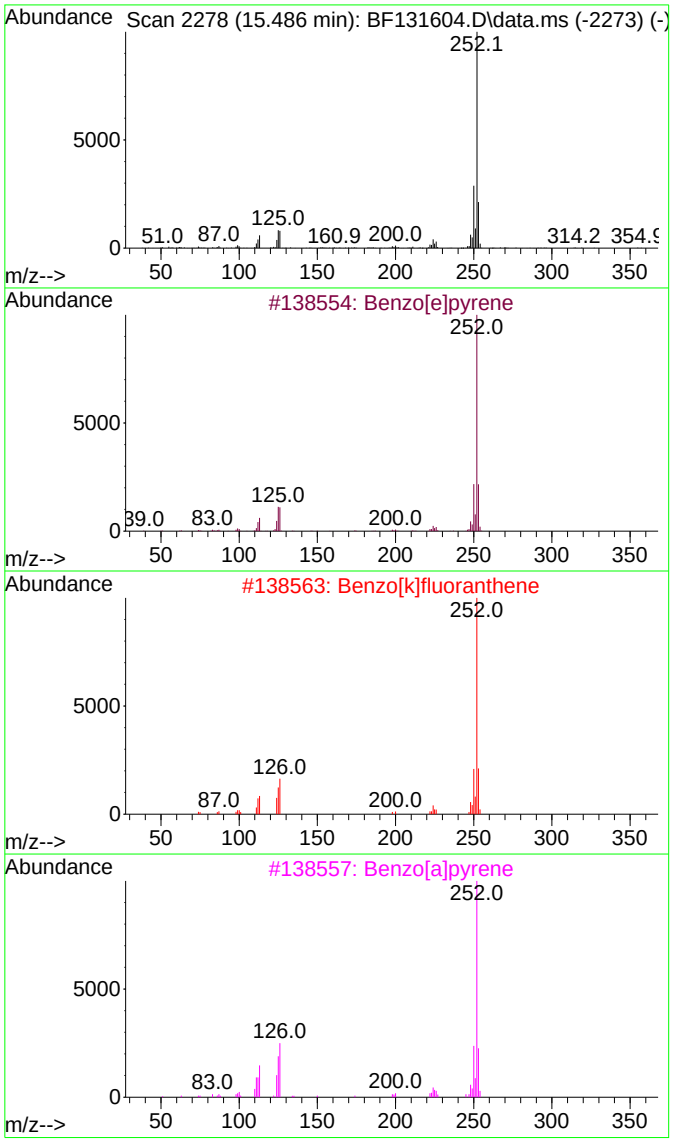
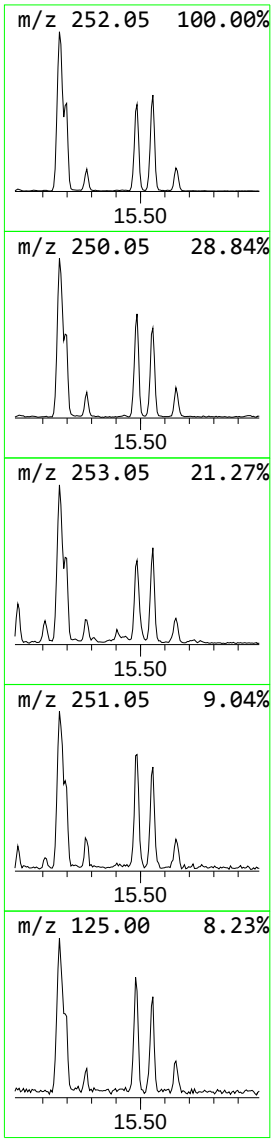
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	19.41 ng	380469	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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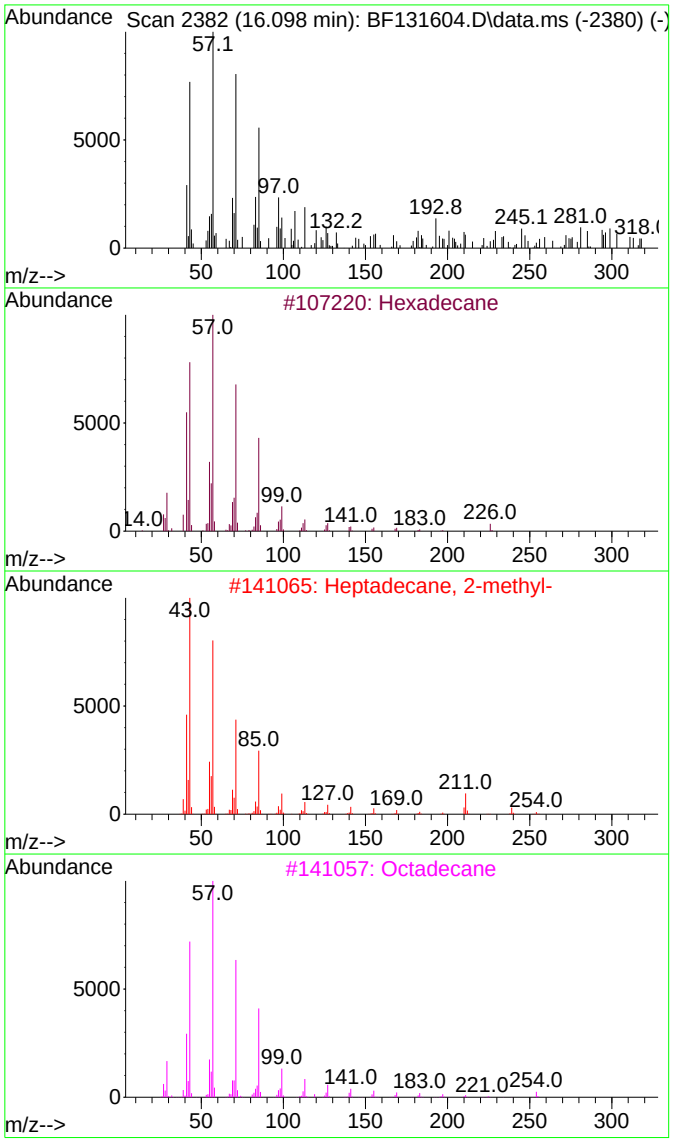
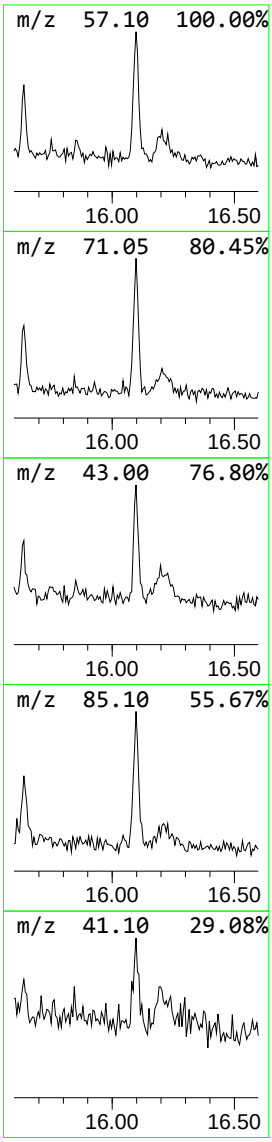
Peak Number 18 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	2.12 ng	41616	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
3	Octadecane	254	C18H38	000593-45-3	60
4	Tridecane	184	C13H28	000629-50-5	60
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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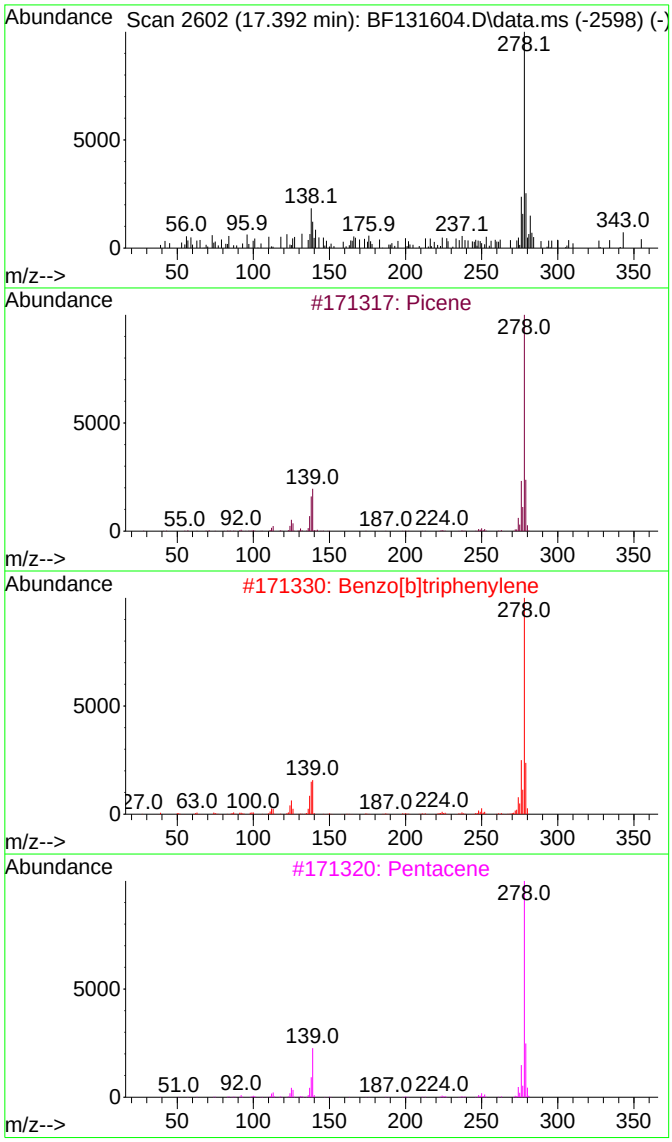
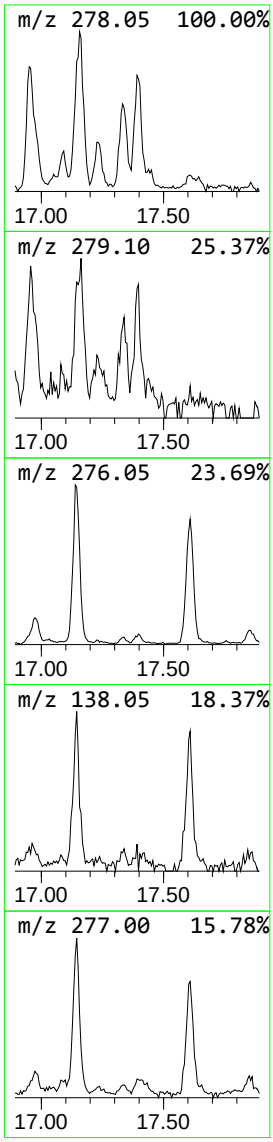
Peak Number 19 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.392	2.75 ng	53929	Perylene-d12	15.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	58
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	58
3	Pentacene	278	C22H14	000135-48-8	53
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	53
5	Benzo[b]chrysene	278	C22H14	000214-17-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131604.D
Acq On : 12 Dec 2022 21:18
Operator : CG\JU
Sample : N5988-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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
Butane, 2-metho...	2.157	23.9	ng	472618	1	6.892	394696	20.0
Propane, 1,1-di...	2.269	2.0	ng	39542	1	6.892	394696	20.0
2-Pentanone, 4-...	5.104	10.9	ng	215789	1	6.892	394696	20.0
n-Hexadecanoic ...	11.969	5.0	ng	112947	4	11.439	449624	20.0
Benzaldehyde, 3...	12.057	2.1	ng	47078	4	11.439	449624	20.0
Pyrene, 1-methyl-	13.110	3.0	ng	147773	5	14.104	1000350	20.0
11H-Benzo[b]flu...	13.198	2.2	ng	110111	5	14.104	1000350	20.0
11H-Benzo[a]flu...	13.327	2.7	ng	134617	5	14.104	1000350	20.0
11H-Benzo[a]flu...	13.733	2.4	ng	117482	5	14.104	1000350	20.0
Benzo[b]naphtho...	13.845	2.6	ng	129847	5	14.104	1000350	20.0
7H-Benz[de]anth...	13.945	4.4	ng	218812	5	14.104	1000350	20.0
Triphenylphosph...	14.204	2.5	ng	125975	5	14.104	1000350	20.0
Chrysene, 1-met...	14.486	2.6	ng	130111	5	14.104	1000350	20.0
Triphenylene, 2...	14.521	2.5	ng	122609	5	14.104	1000350	20.0
unknown15.068	15.068	2.0	ng	39448	6	15.615	391952	20.0
Benzo[j]fluoran...	15.280	3.4	ng	65934	6	15.615	391952	20.0
Benzo[e]pyrene	15.486	19.4	ng	380469	6	15.615	391952	20.0
Hexadecane	16.098	2.1	ng	41616	6	15.615	391952	20.0
Picene	17.392	2.8	ng	53929	6	15.615	391952	20.0