LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122459.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	12	rVB	374522	466579	12.37%	1.005%
2	2.234	21	25	32	rVB	45190	61375	1.63%	0.132%
3	4.446	397	401	406	rBV	104808	118869	3.15%	0.256%
4	5.081	502	509	512	rBV	1814021	2370138	62.84%	5.104%
5	5.487	573	578	581	rBV	3688251	3461790	91.79%	7.455%
6	5.875	641	644	652	rVB	266038	222240	5.89%	0.479%
7	6.410	730	735	738	rBV	63292	58779	1.56%	0.127%
8	6.498	745	750	762	rBV2	3468482	3771469	100.00%	8.122%
9	6.863	809	812	819	rVB	1185898	896911	23.78%	1.931%
10	7.428	903	908	911	rBV	2407864	2139005	56.72%	4.606%
11	7.634	939	943	947	rBV	48023	43085	1.14%	0.093%
12	8.151	1027	1031	1034	rBV	1259800	1061600	28.15%	2.286%
13	9.228	1210	1214	1217	rBV	3755530	3154105	83.63%	6.792%
14	9.369	1236	1238	1245	rVB3	34808	48089	1.28%	0.104%
15	9.622	1278	1281	1289	rVB	240126	214732	5.69%	0.462%
16	9.769	1303	1306	1310	rVB	50007	44248	1.17%	0.095%
17	9.910	1326	1330	1333	rBV	1284575	1082086	28.69%	2.330%
18	9.939	1333	1335	1339	rVB	185755	143203	3.80%	0.308%
19	10.110	1360	1364	1369	rBV	87196	81938	2.17%	0.176%
20	10.227	1378	1384	1386	rBV3	37830	67870	1.80%	0.146%
21	10.457	1420	1423	1429	rVB	176618	168978	4.48%	0.364%
22	10.616	1447	1450	1454	rVB	53702	51880	1.38%	0.112%
23	10.698	1460	1464	1469	rBV	2364308	2130562	56.49%	4.588%
24	11.004	1512	1516	1519	rVB3	50089	67184	1.78%	0.145%
25	11.198	1547	1549	1553	rVB2	52399	53758	1.43%	0.116%
26	11.257	1553	1559	1563	rBV5	66906	135533	3.59%	0.292%
27	11.292	1563	1565	1570	rVB	99447	92760	2.46%	0.200%
28	11.398	1579	1583	1585	rBV	1213528	1084143	28.75%	2.335%
29	11.422	1585	1587	1590	rVV	1643633	1235903	32.77%	2.661%
30	11.474	1590	1596	1599	rVV	351622	373365	9.90%	0.804%
31	11.504	1599	1601	1605	rVV2	45280	44573	1.18%	0.096%
32	11.627	1617	1622	1624	rBV2	121375	135874	3.60%	0.293%
33	11.692	1631	1633	1636	rBV3	49675	43126	1.14%	0.093%
34	11.898	1665	1668	1670	rBV	172602	155287	4.12%	0.334%
35	11.927	1670	1673	1678	rVB	441573	359906	9.54%	0.775%
36	11.974	1678	1681	1684	rBV	102321	82616	2.19%	0.178%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.016	1684	1688	1690	rBV	286074	318600	8.45%	0.686%
38	12.198	1716	1719	1721	rBV	132764	125901	3.34%	0.271%
39	12.386	1748	1751	1752	rBV2	76886	78861	2.09%	0.170%
40	12.492	1767	1769	1772	rBV3	99970	102424	2.72%	0.221%
41	12.633	1789	1793	1796	rBV	1816121	1698543	45.04%	3.658%
42	12.845	1823	1829	1835	rBV	1786376	1810566	48.01%	3.899%
43	12.963	1847	1849	1850	rBV	102409	80099	2.12%	0.172%
44	12.986	1850	1853	1861	rVB	2987945	2822526	74.84%	6.078%
45	13.174	1882	1885	1888	rVB	277561	265939	7.05%	0.573%
46	13.239	1894	1896	1898	rVB	196255	143068	3.79%	0.308%
47	13.274	1900	1902	1905	rVB2	170609	163522	4.34%	0.352%
48	13.333	1910	1912	1915	rBV	92221	77236	2.05%	0.166%
49	13.368	1916	1918	1921	rVB	127390	106614	2.83%	0.230%
50	13.404	1921	1924	1925	rBV	116842	122366	3.24%	0.264%
51	13.686	1968	1972	1976	rVB2	2690026	2231416	59.17%	4.805%
52	13.821	1993	1995	1997	rVB	118432	78238	2.07%	0.168%
53	13.898	2005	2008	2014	rBV2	781536	1042262	27.64%	2.244%
54	13.945	2014	2016	2022	rVB2	623911	484907	12.86%	1.044%
55	14.045	2028	2033	2036	rBV2	1604781	2299322	60.97%	4.951%
56	14.074	2036	2038	2040	rVB	733726	563184	14.93%	1.213%
57	14.339	2080	2083	2087	rBV	706251	648198	17.19%	1.396%
58	14.580	2121	2124	2128	rVB	720799	688678	18.26%	1.483%
59	15.098	2208	2212	2215	rBV	717247	1052166	27.90%	2.266%
60	15.404	2261	2264	2270	rVB	465964	644490	17.09%	1.388%
61	15.468	2272	2275	2282	rVB	597491	749073	19.86%	1.613%
62	15.533	2282	2286	2289	rBV	892019	1088412	28.86%	2.344%
63	17.986	2698	2703	2721	rVB6	370126	1227587	32.55%	2.644%

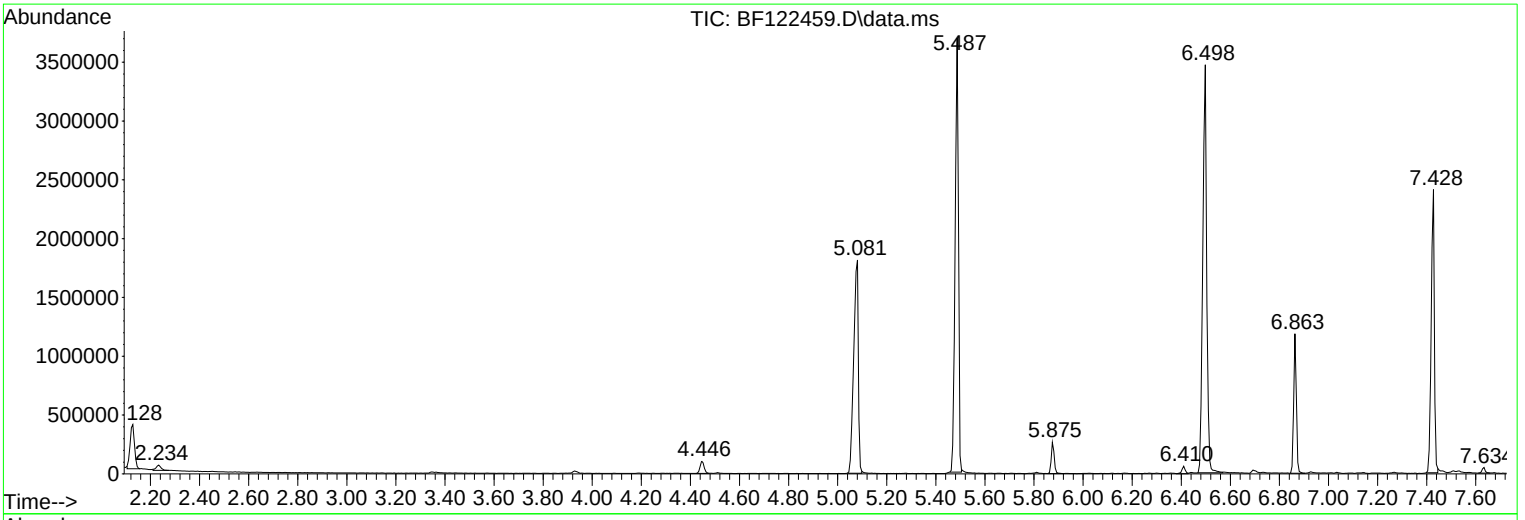
Sum of corrected areas: 46437757

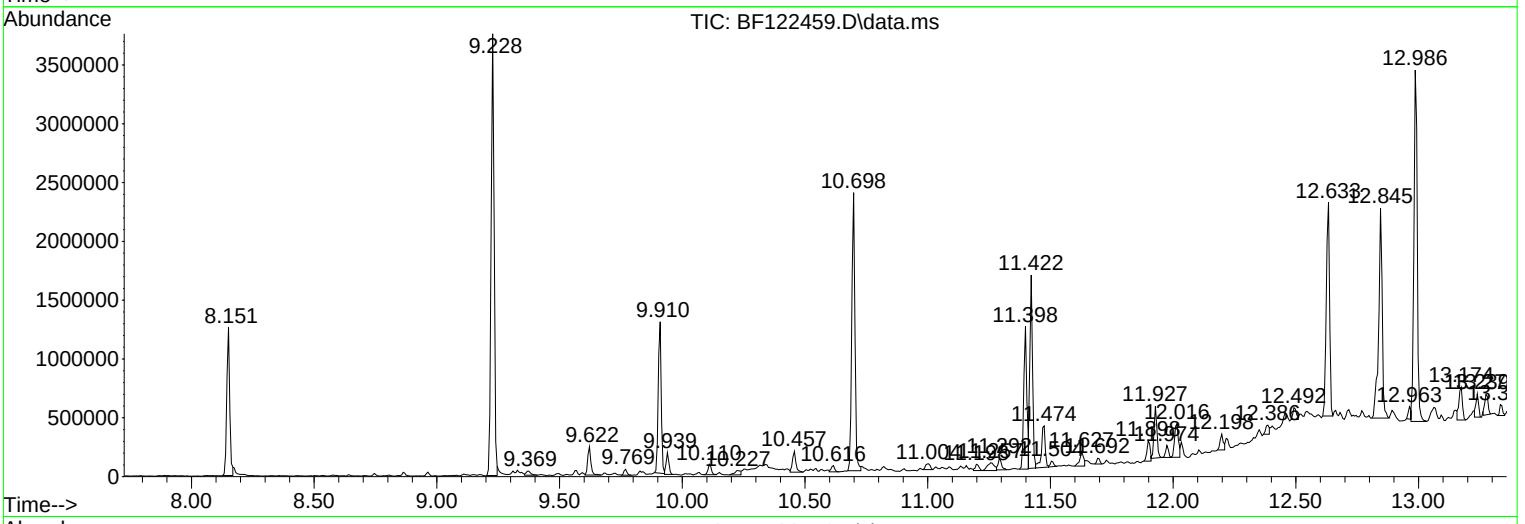
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

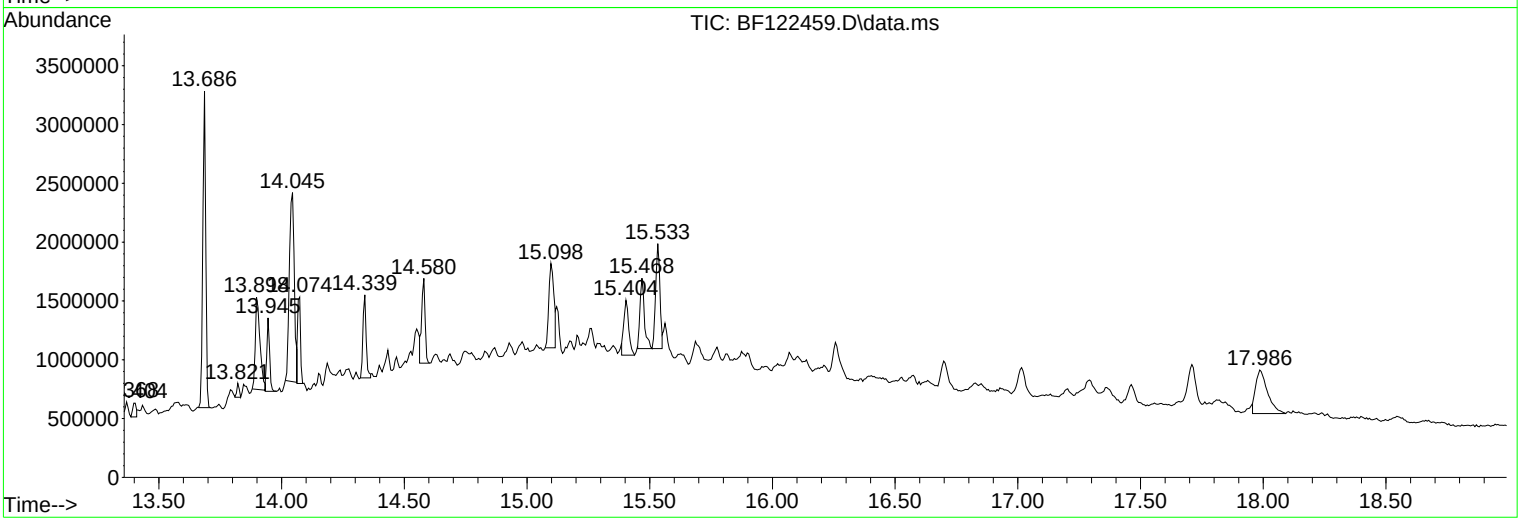
Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

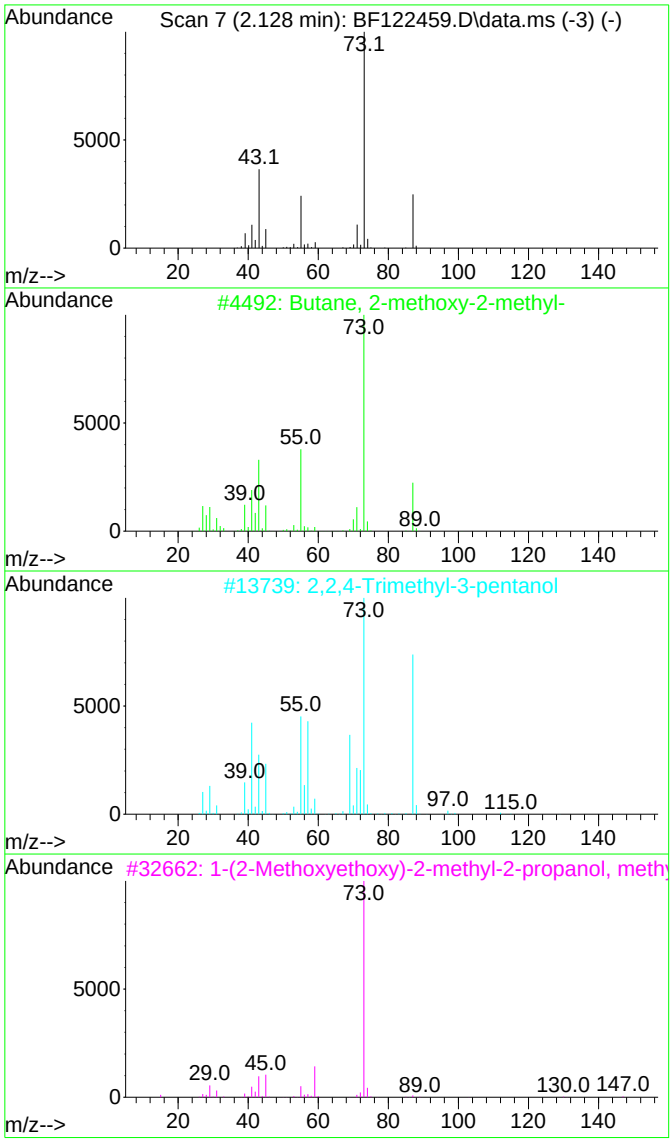
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

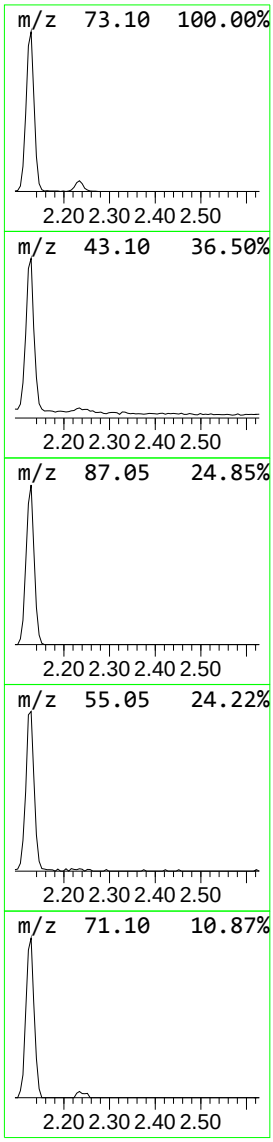
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	10.40 ng	466579	1,4-Dichlorobenzene-d4	6.863

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	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

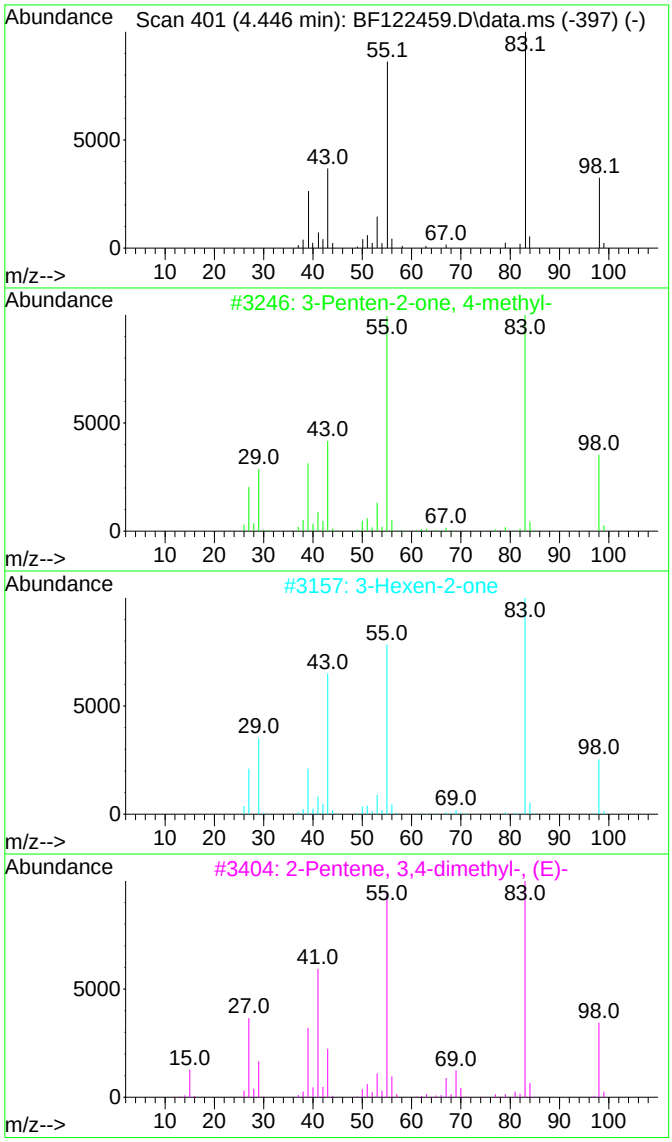
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

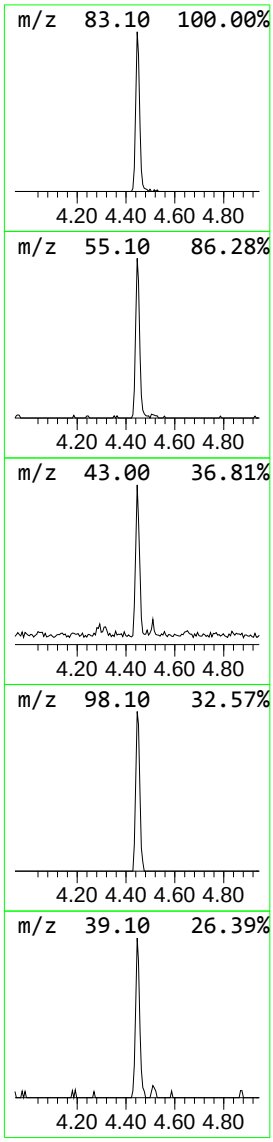
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.446	2.65 ng	118869	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

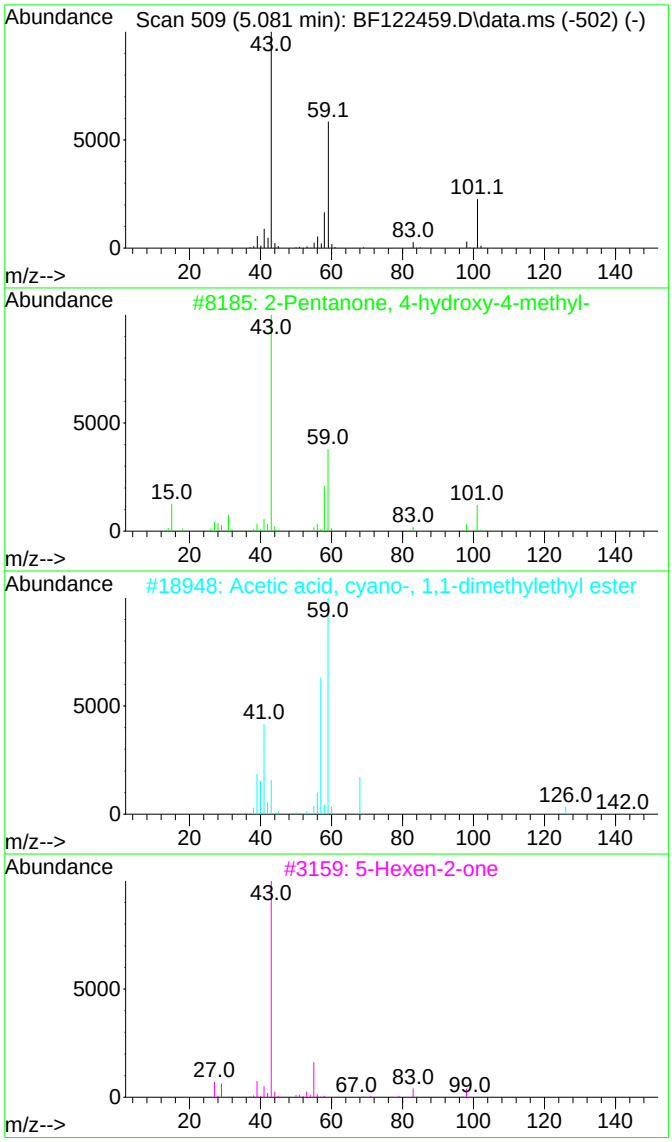
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

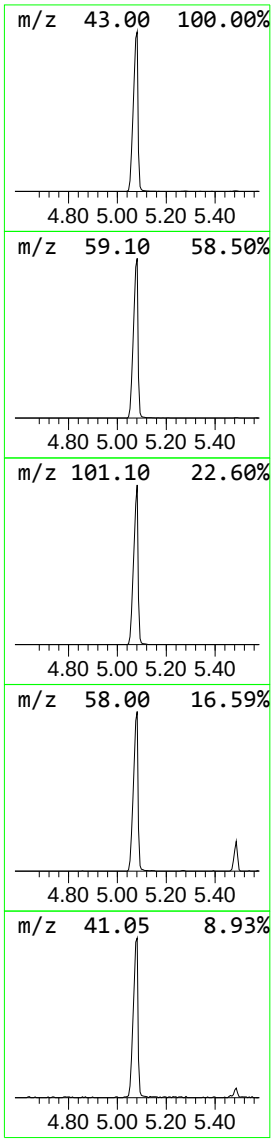
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	52.85 ng	2370140	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

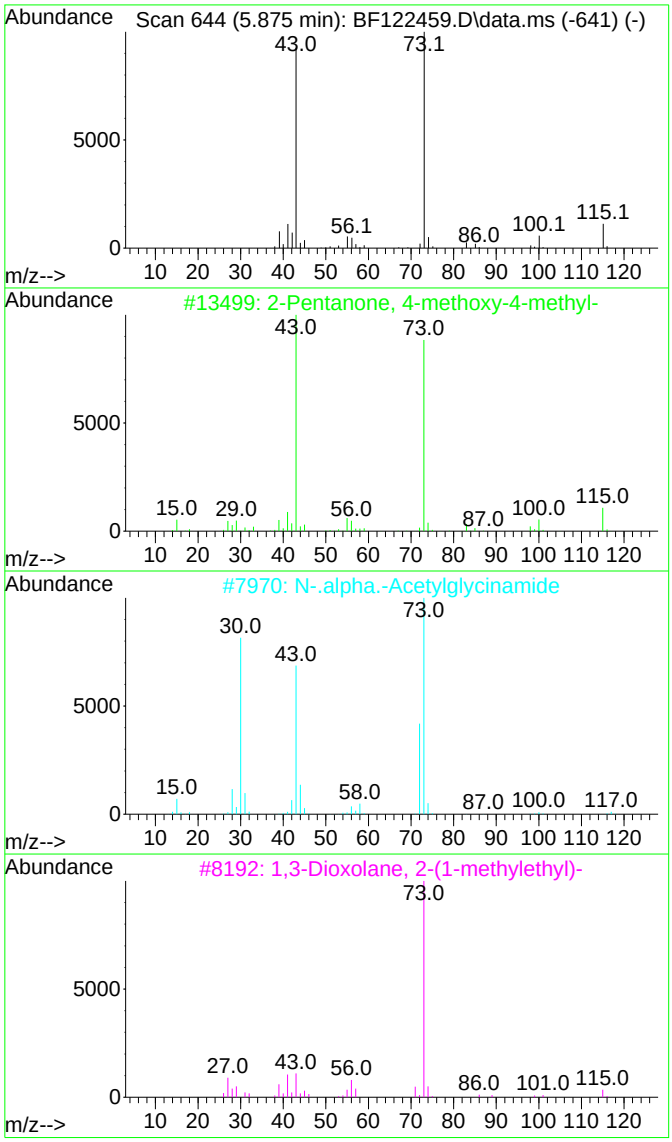
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

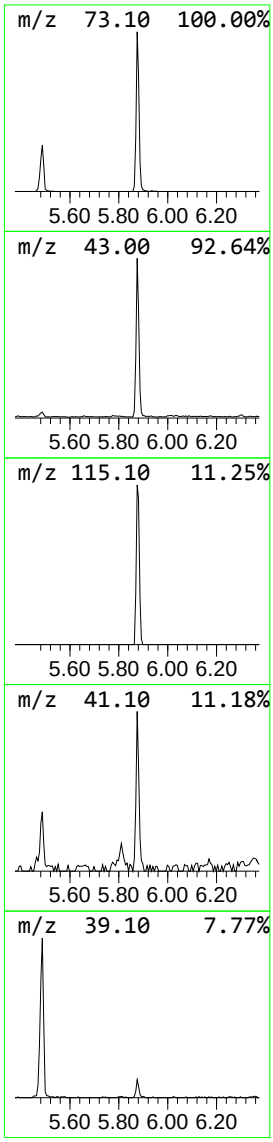
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	4.96 ng	222240	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	33
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	16
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

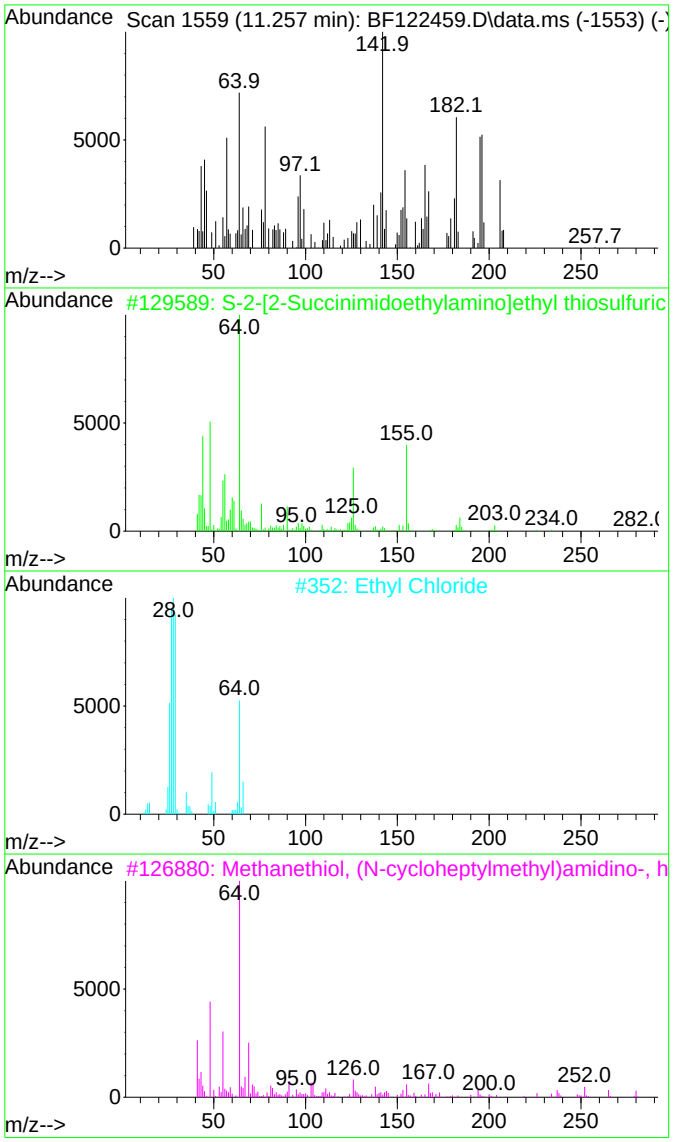
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

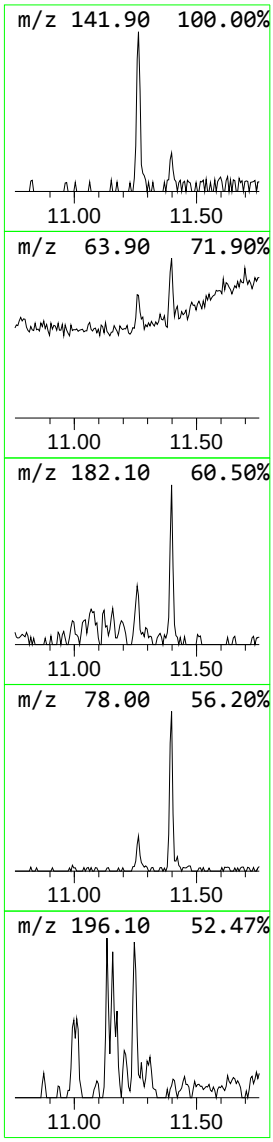
****

Peak Number 5 unknown11.257 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	2.50 ng	135533	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-2-[2-Succinimidoethylamino]eth...	282	C8H14N2O5S2	031701-74-3	14
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	14
3	Methanethiol, (N-cycloheptylmeth...	280	C10H20N2O3S2	040283-61-2	12
4	9b-Phosphaphenalene, dodecahydro-	196	C12H21P	023480-41-3	11
5	Tricyclo[3.2.1.02,7]oct-3-ene, e...	196	C15H16	1000142-97-8	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

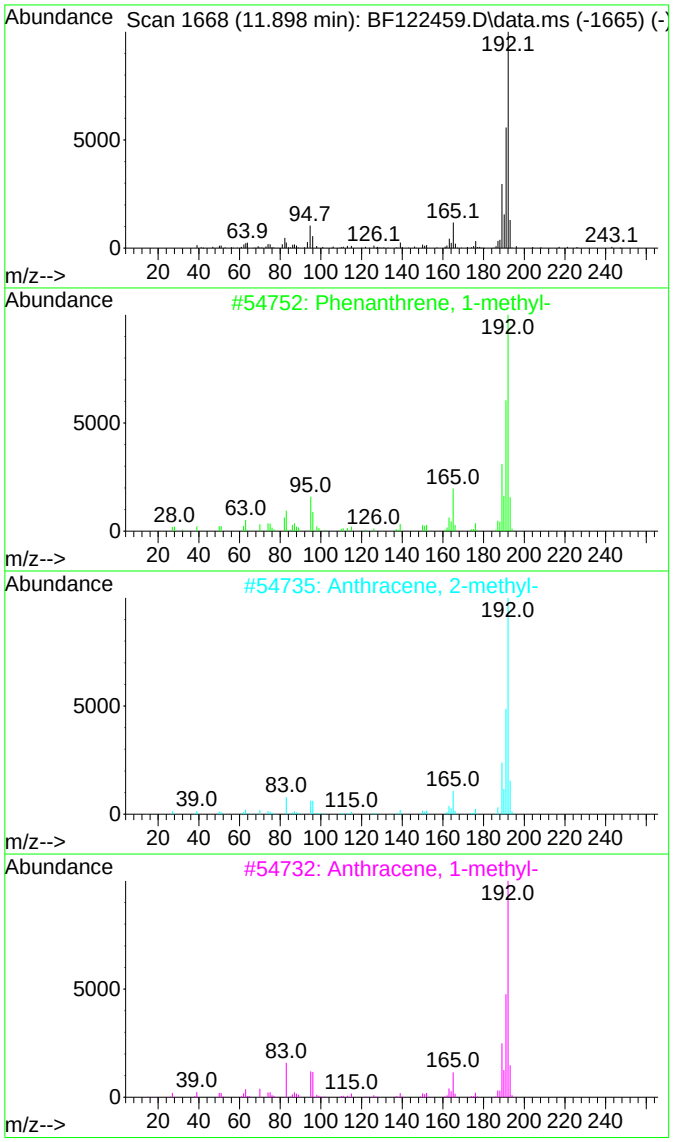
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

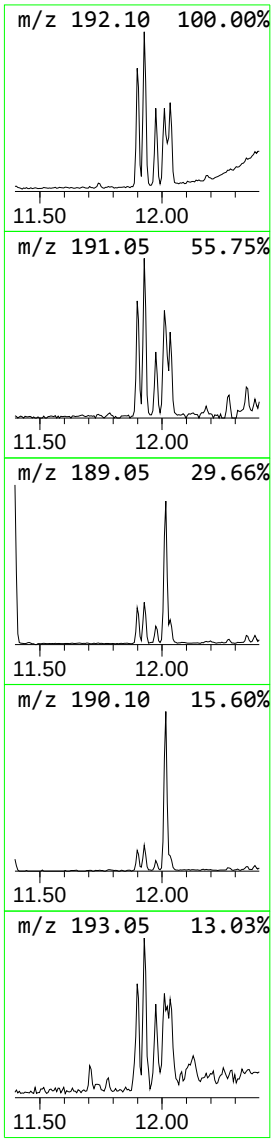
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.86 ng	155287	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

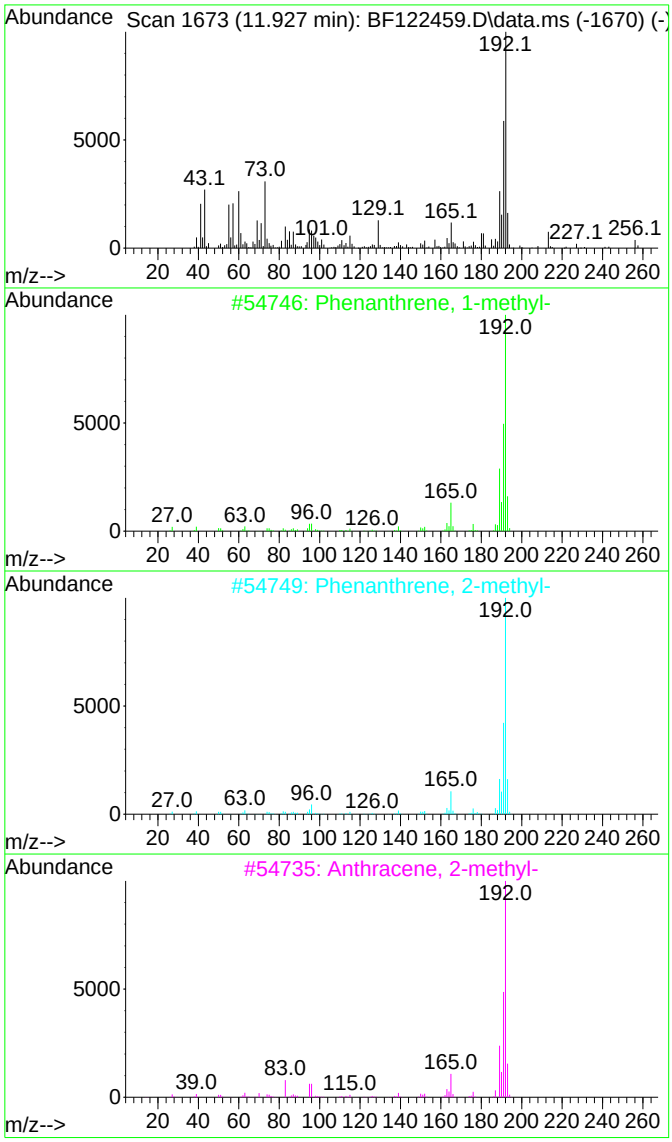
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

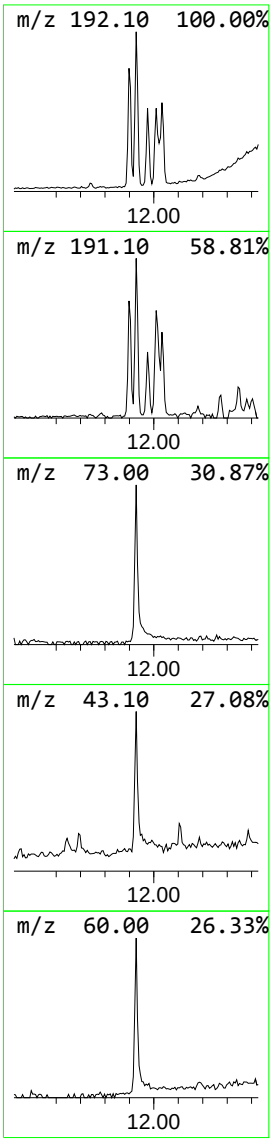
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.64 ng	359906	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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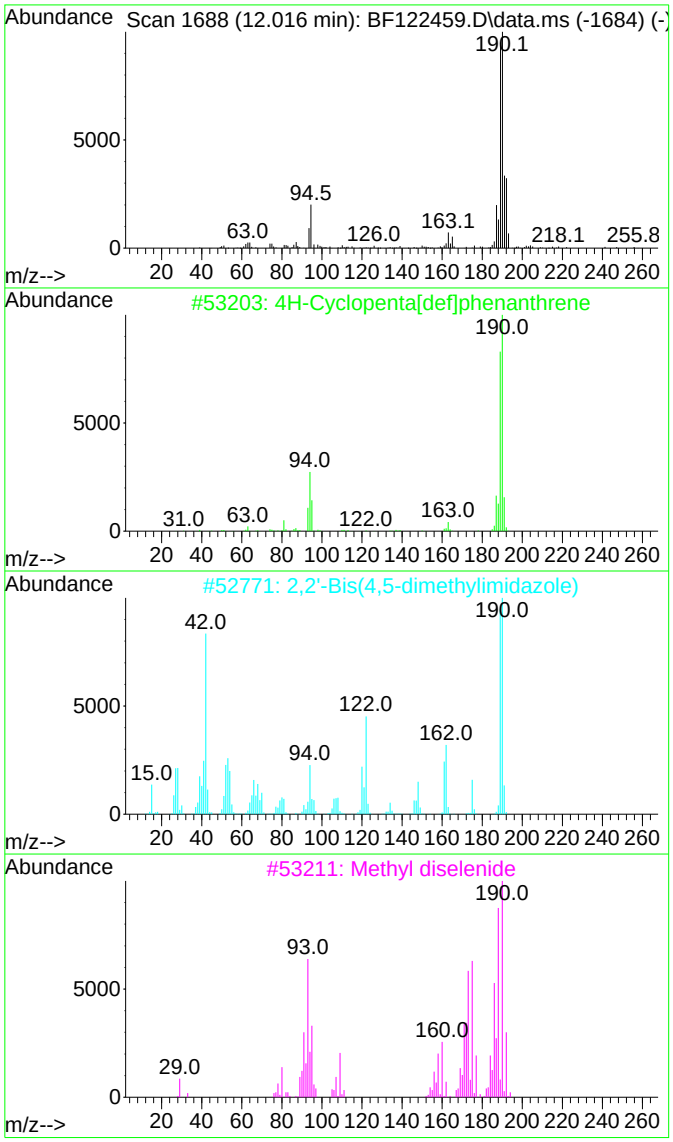
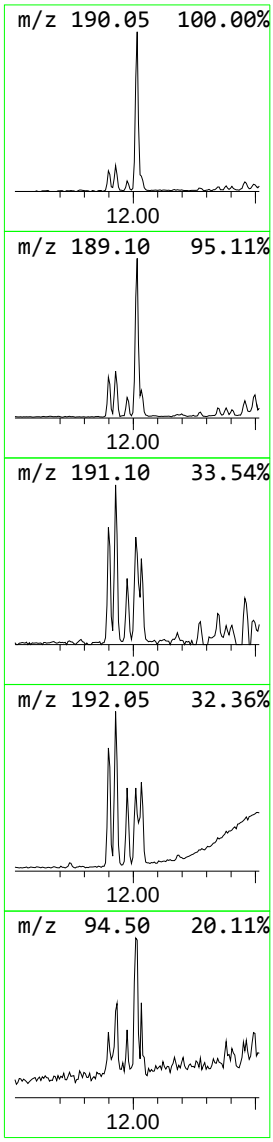
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	5.88 ng	318600	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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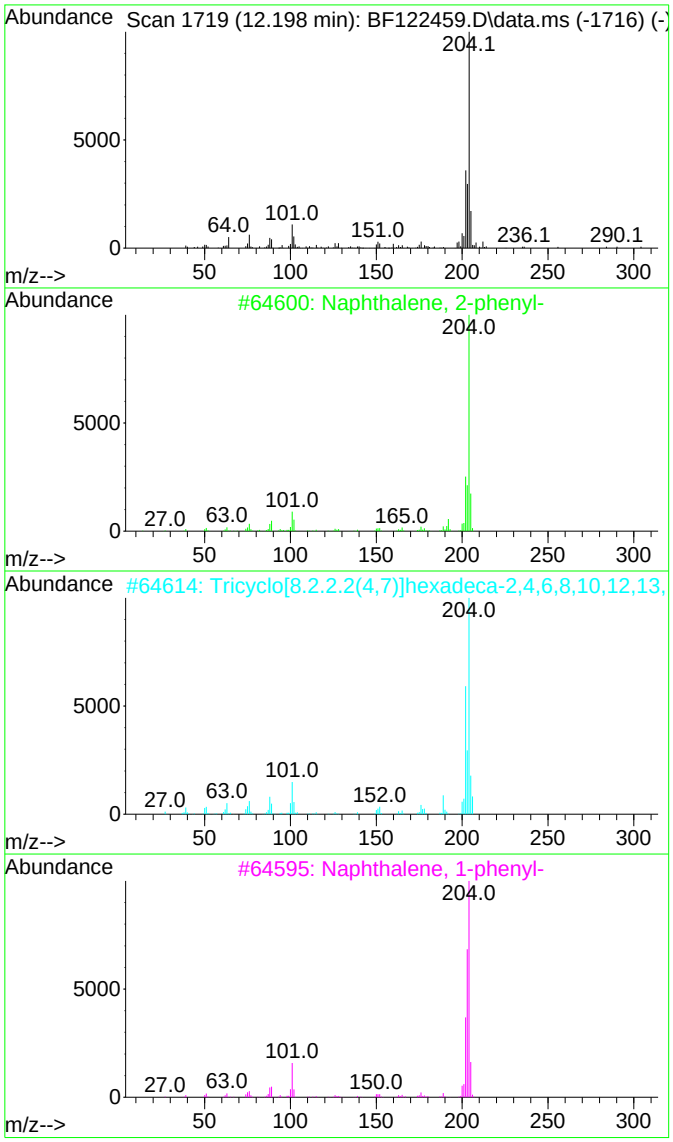
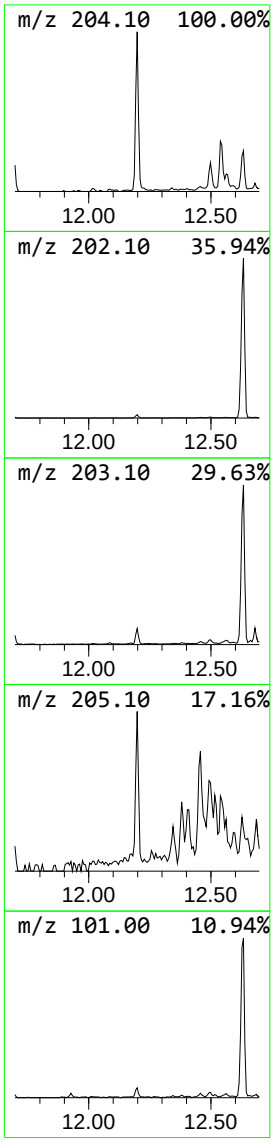
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.32 ng	125901	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58





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Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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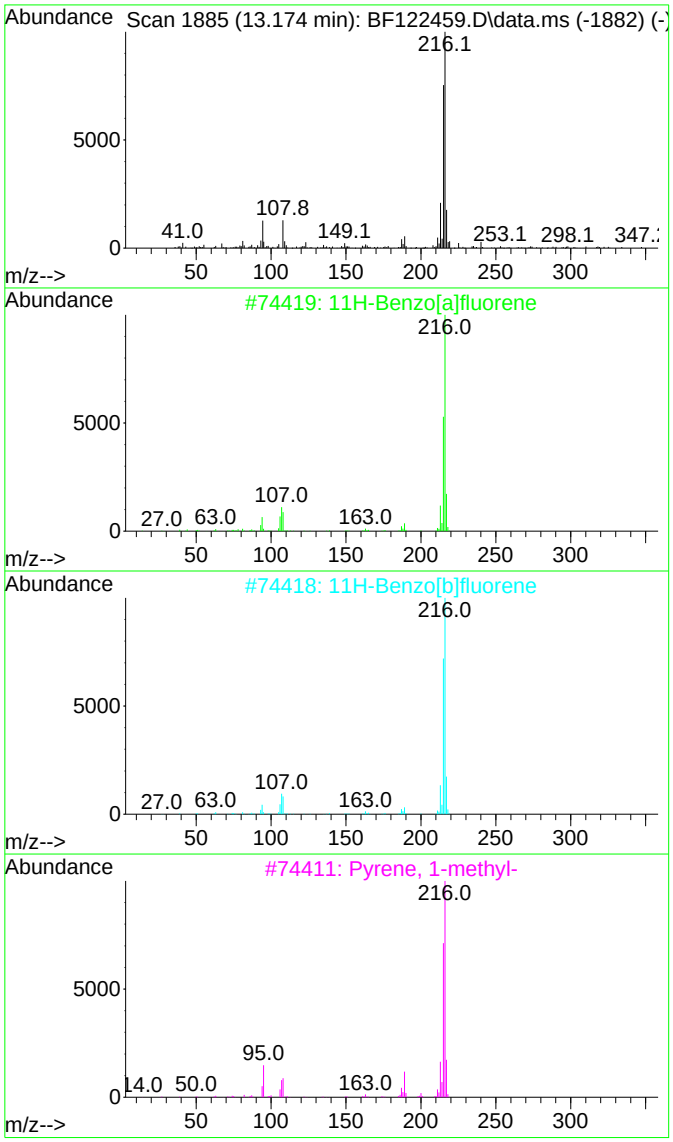
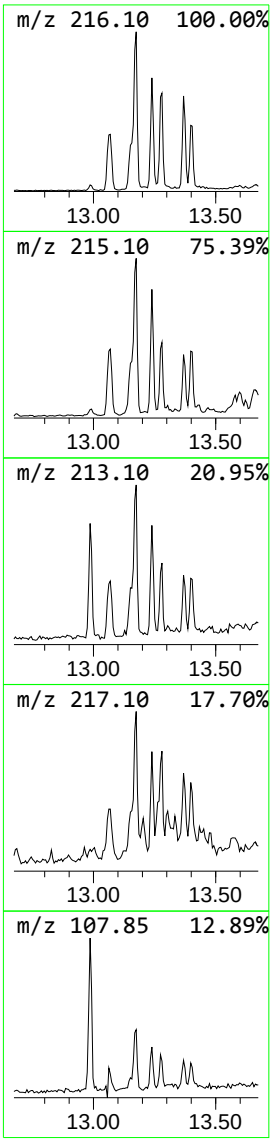
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.31 ng	265939	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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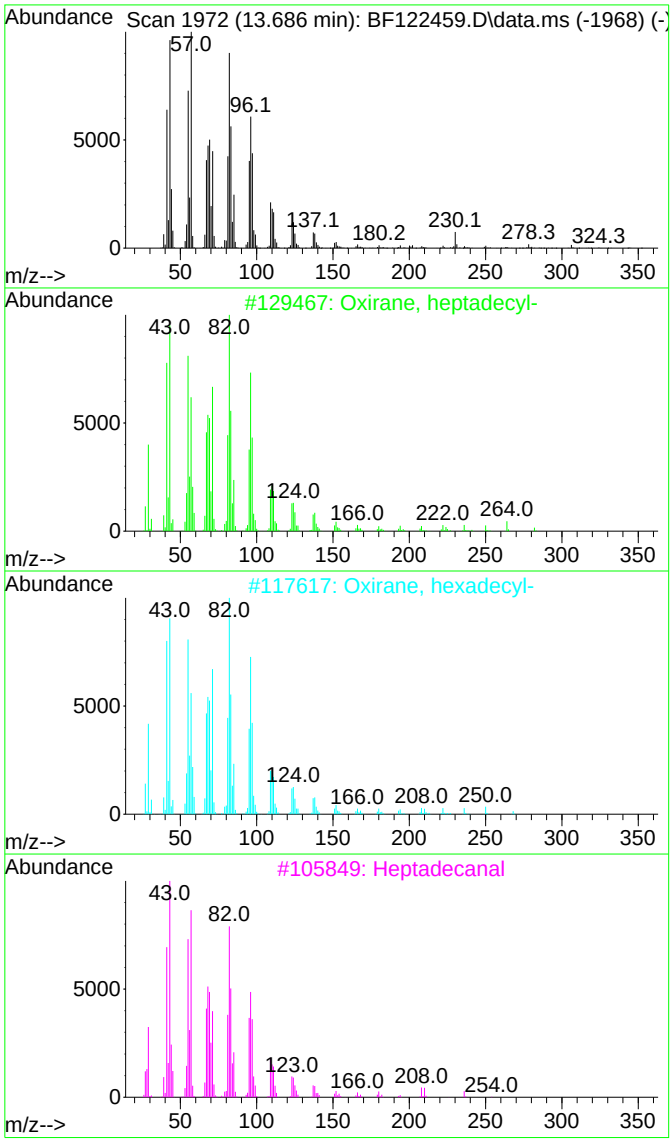
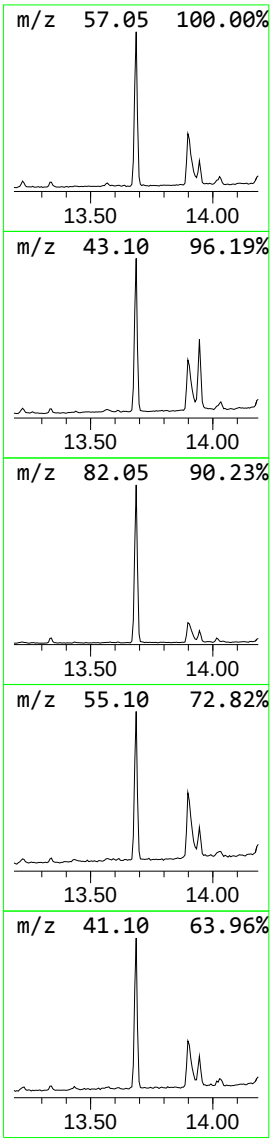
Peak Number 11 Oxirane, heptadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	19.41 ng	2231420	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Hexadecanal	240	C16H32O	000629-80-1	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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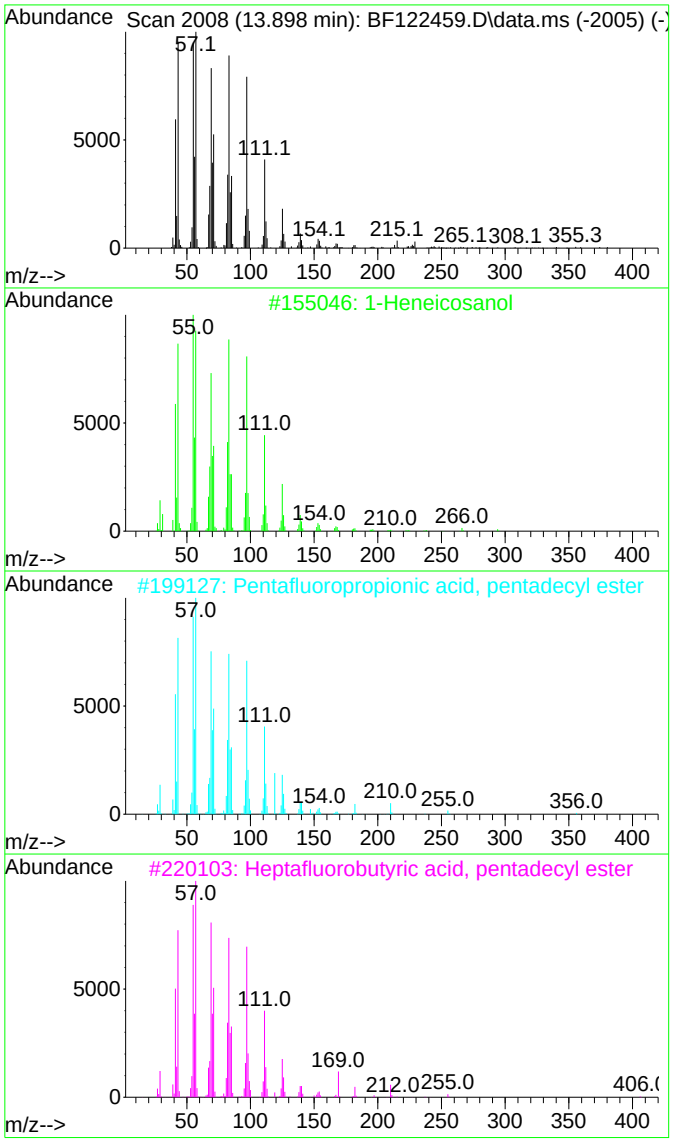
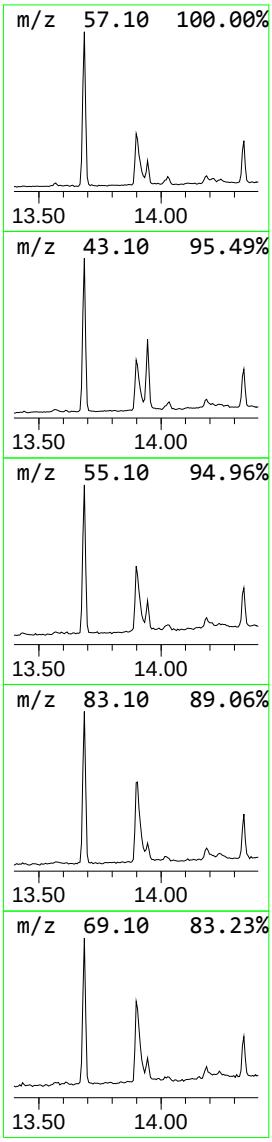
Peak Number 12 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	9.07 ng	1042260	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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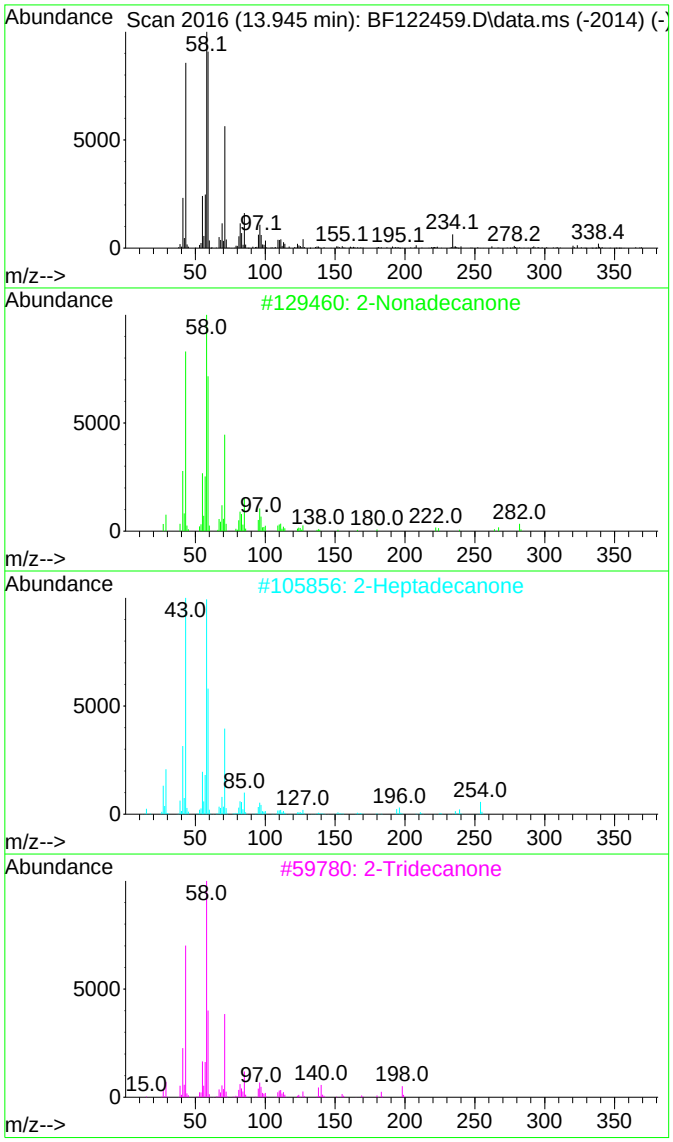
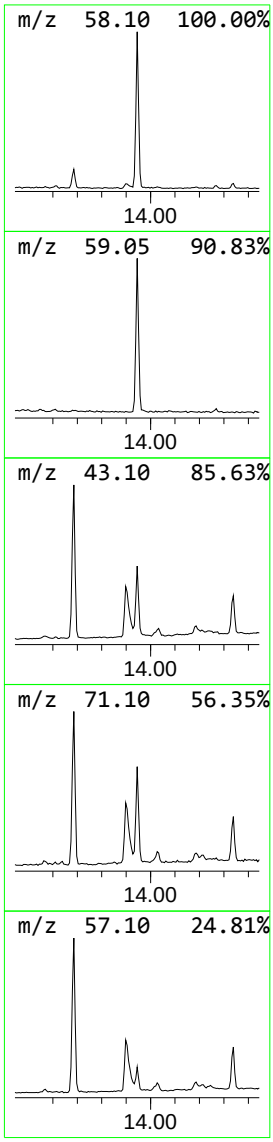
Peak Number 13 2-Nonadecanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	4.22 ng	484907	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	78
2	2-Heptadecanone	254	C17H34O	002922-51-2	59
3	2-Tridecanone	198	C13H26O	000593-08-8	59
4	2-Pentadecanone	226	C15H30O	002345-28-0	52
5	2-Undecanone	170	C11H22O	000112-12-9	50





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Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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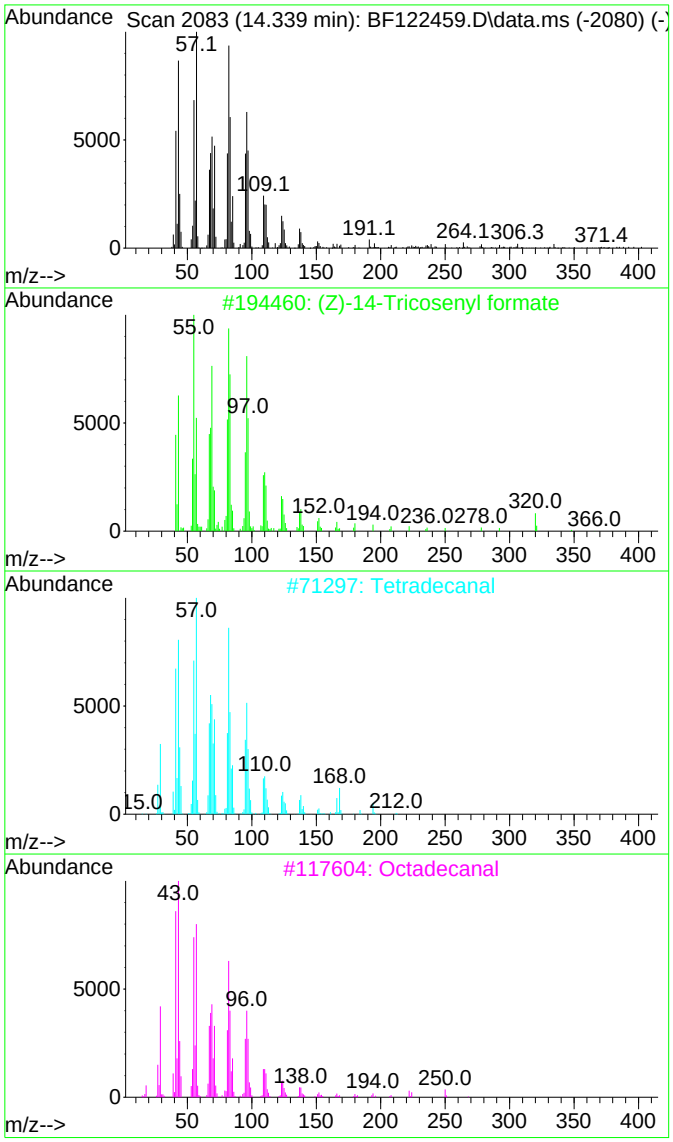
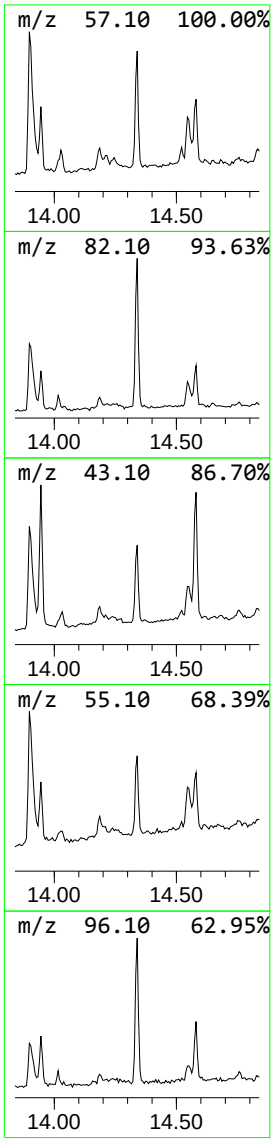
Peak Number 14 (Z)-14-Tricosenyl formate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	5.64 ng	648198	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	95
2	Tetradecanal	212	C14H28O	000124-25-4	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91





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Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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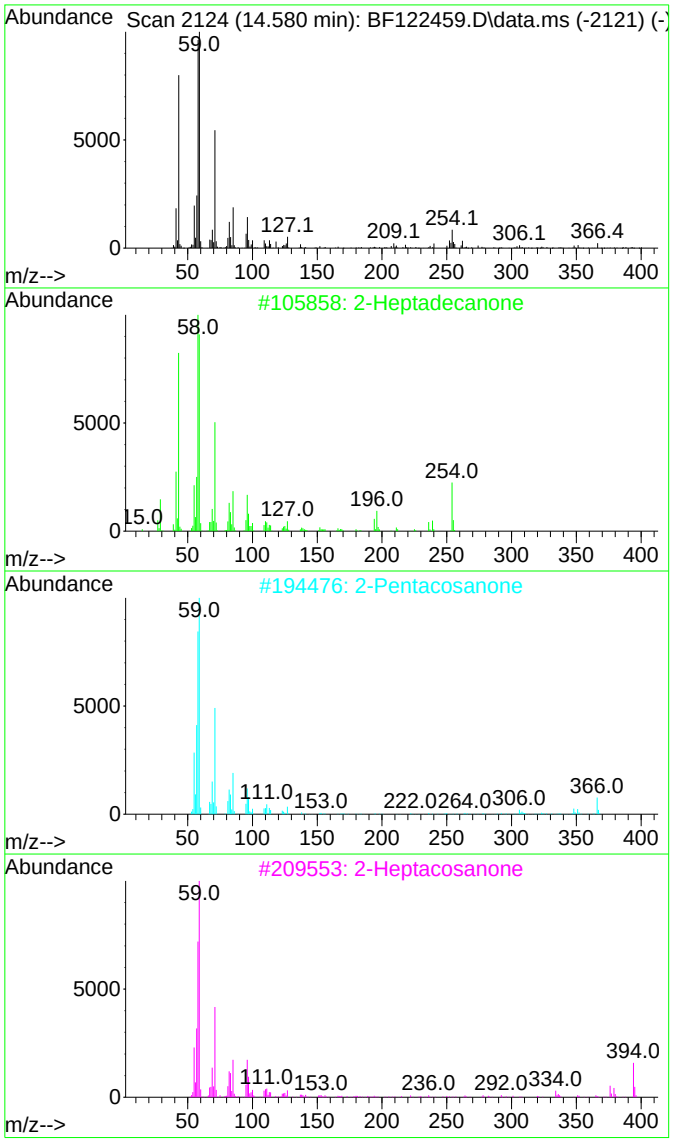
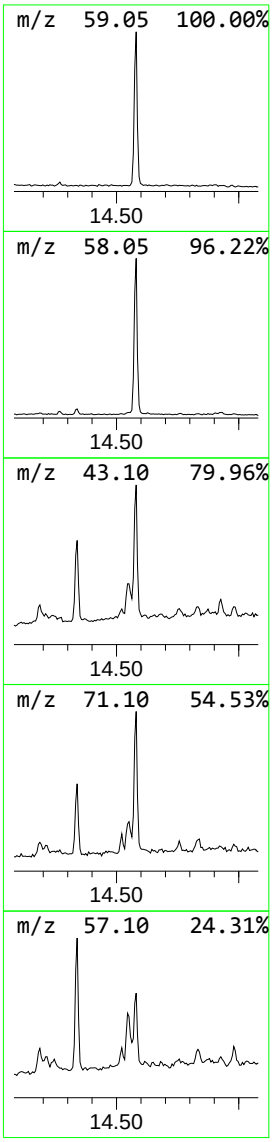
Peak Number 15 2-Heptadecanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.580	5.99 ng	688678	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptadecanone	254	C17H34O	002922-51-2	94
2	2-Pentacosanone	366	C25H50O	075207-54-4	93
3	2-Heptacosanone	394	C27H54O	007796-19-2	64
4	2-Hexadecanone	240	C16H32O	018787-63-8	45
5	2-Tetradecanone	212	C14H28O	002345-27-9	45





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Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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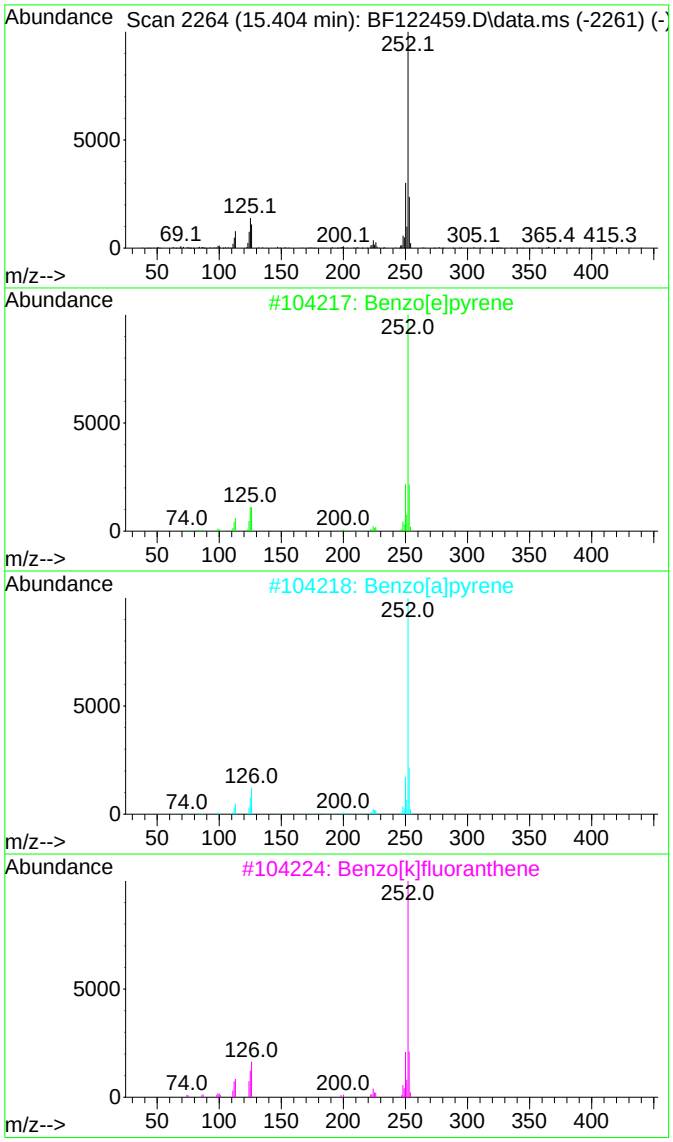
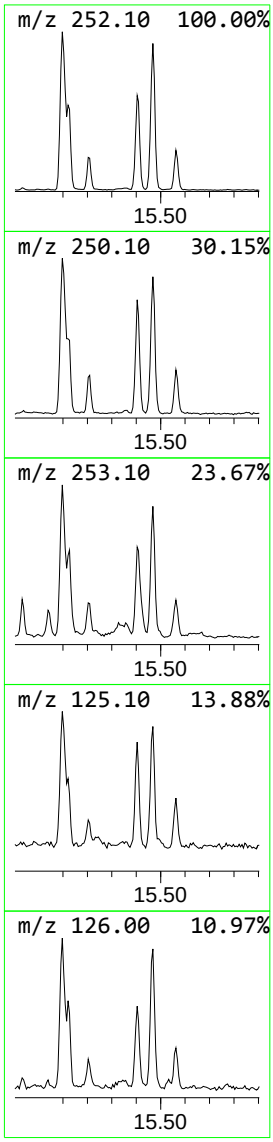
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	11.84 ng	644490	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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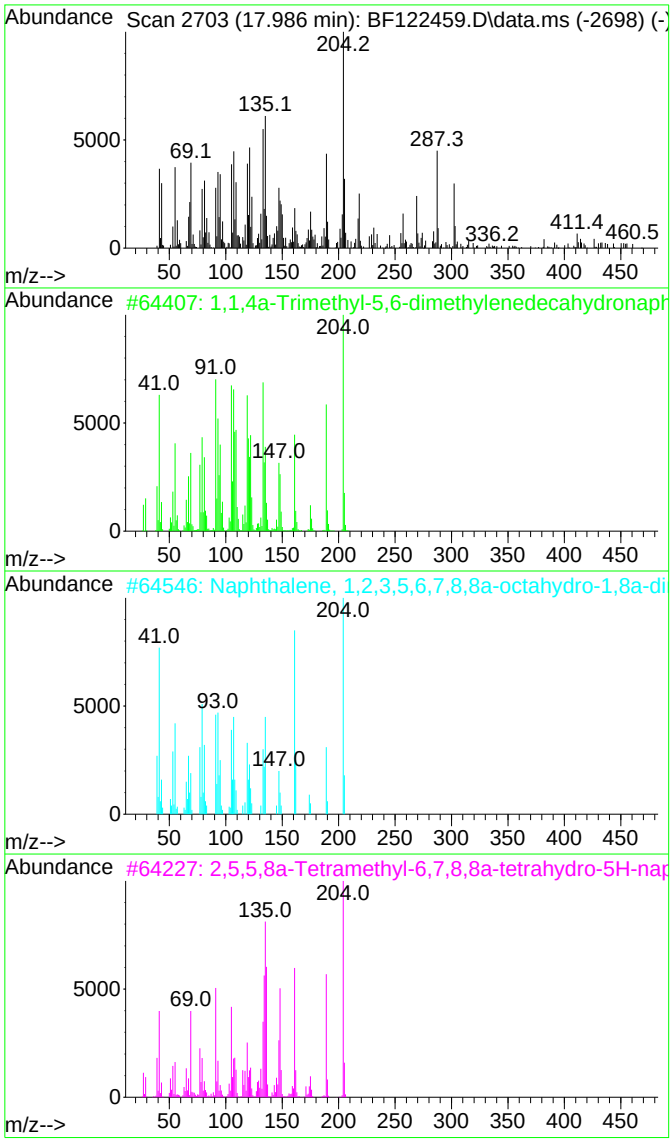
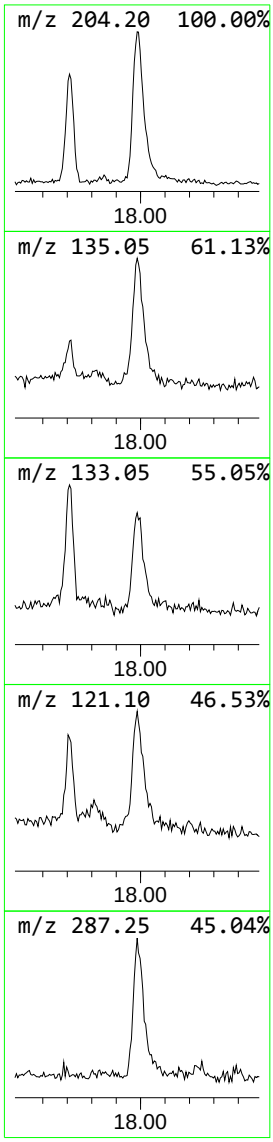
Peak Number 17 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	22.56 ng	1227590	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	89
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	64
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	47
5	Guaia-3,9-diene	204	C15H24	000489-83-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122459.D
Acq On : 23 Nov 2020 21:29
Operator : JU/CG
Sample : L4876-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.128	10.4	ng	466579	1	6.863	896911	20.0
3-Penten-2-one,...	4.446	2.6	ng	118869	1	6.863	896911	20.0
2-Pentanone, 4-...	5.081	52.9	ng	2370140	1	6.863	896911	20.0
2-Pentanone, 4-...	5.875	5.0	ng	222240	1	6.863	896911	20.0
unknown11.257	11.257	2.5	ng	135533	4	11.398	1084140	20.0
Phenanthrene, 1...	11.898	2.9	ng	155287	4	11.398	1084140	20.0
Phenanthrene, 2...	11.927	6.6	ng	359906	4	11.398	1084140	20.0
4H-Cyclopenta[d...	12.016	5.9	ng	318600	4	11.398	1084140	20.0
Naphthalene, 2-...	12.198	2.3	ng	125901	4	11.398	1084140	20.0
11H-Benzo[a]flu...	13.174	2.3	ng	265939	5	14.045	2299320	20.0
Oxirane, heptad...	13.686	19.4	ng	2231420	5	14.045	2299320	20.0
1-Heneicosanol	13.898	9.1	ng	1042260	5	14.045	2299320	20.0
2-Nonadecanone	13.945	4.2	ng	484907	5	14.045	2299320	20.0
(Z)-14-Tricosen...	14.339	5.6	ng	648198	5	14.045	2299320	20.0
2-Heptadecanone	14.580	6.0	ng	688678	5	14.045	2299320	20.0
Benzo[e]pyrene	15.404	11.8	ng	644490	6	15.533	1088410	20.0
1,1,4a-Trimethy...	17.986	22.6	ng	1227590	6	15.533	1088410	20.0