LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131055.D
Acq On : 07 Nov 2022 21:44
Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-6-110322

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-BF110722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	12	20	29	rVB	224038	307444	1.58%	0.420%
2	5.134	512	518	526	rBV	437969	612565	3.15%	0.836%
3	5.522	579	584	587	rBV	2737815	2774032	14.25%	3.786%
4	6.528	749	755	758	rBV	2535924	2821691	14.50%	3.851%
5	6.898	815	818	822	rVB	753783	575324	2.96%	0.785%
6	7.469	909	915	918	rBV	1864449	1741687	8.95%	2.377%
7	8.186	1033	1037	1039	rBV	806038	722434	3.71%	0.986%
8	9.263	1215	1220	1223	rBV	3282792	2681936	13.78%	3.661%
9	9.945	1332	1336	1339	rVV	752327	611234	3.14%	0.834%
10	9.975	1339	1341	1344	rVB	254641	197510	1.01%	0.270%
11	10.492	1426	1429	1435	rVB	260371	214575	1.10%	0.293%
12	10.733	1467	1470	1474	rBV	1392478	1232917	6.33%	1.683%
13	11.439	1586	1590	1591	rBV	594356	515733	2.65%	0.704%
14	11.463	1591	1594	1597	rVV	1716529	1408289	7.24%	1.922%
15	11.510	1597	1602	1605	rVB	262691	247880	1.27%	0.338%
16	11.669	1622	1629	1632	rBV	276257	266543	1.37%	0.364%
17	11.833	1652	1657	1660	rBV	5802979	5624957	28.90%	7.678%
18	11.939	1670	1675	1677	rBV	225475	202846	1.04%	0.277%
19	11.969	1677	1680	1685	rVB	410190	341777	1.76%	0.467%
20	12.051	1691	1694	1697	rBV2	276691	340447	1.75%	0.465%
21	12.545	1770	1778	1779	rVV	9651570	19463024	100.00%	26.566%
22	12.563	1779	1781	1785	rVV2	9518135	10842752	55.71%	14.800%
23	12.627	1789	1792	1795	rVB	3501422	2800429	14.39%	3.822%
24	12.663	1795	1798	1801	rBV	1947211	1801645	9.26%	2.459%
25	12.898	1829	1838	1841	rBV	1869833	2032556	10.44%	2.774%
26	13.033	1854	1861	1864	rBV	1956507	1971064	10.13%	2.690%
27	13.110	1869	1874	1878	rBV3	145645	263297	1.35%	0.359%
28	13.221	1885	1893	1896	rBV	423062	626843	3.22%	0.856%
29	13.345	1912	1914	1917	rVB	382232	328967	1.69%	0.449%
30	13.445	1928	1931	1937	rVB	215943	256569	1.32%	0.350%
31	13.510	1939	1942	1950	rVB6	126214	200302	1.03%	0.273%
32	13.727	1976	1979	1983	rVB	184510	199421	1.02%	0.272%
33	13.780	1984	1988	1991	rVB3	142122	194969	1.00%	0.266%
34	13.839	1994	1998	2000	rVV2	264546	285012	1.46%	0.389%
35	13.868	2000	2003	2005	rVV	208661	211137	1.08%	0.288%
36	13.933	2011	2014	2017	rVB2	236768	251035	1.29%	0.343%

LSC Area Percent Report

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Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-6-110322

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-BF110722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.016	2025	2028	2033	rVB2	369591	376306	1.93%	0.514%
38	14.086	2033	2040	2043	rBV2	1514930	2146512	11.03%	2.930%
39	14.121	2043	2046	2051	rVB	1423852	1329650	6.83%	1.815%
40	14.474	2102	2106	2109	rBV	215943	232949	1.20%	0.318%
41	15.157	2216	2222	2224	rBV	836055	1318328	6.77%	1.799%
42	15.462	2270	2274	2280	rVB	436700	587245	3.02%	0.802%
43	15.527	2281	2285	2291	rVB	591441	760903	3.91%	1.039%
44	15.592	2292	2296	2299	rVV2	314715	422288	2.17%	0.576%
45	15.621	2299	2301	2307	rVB2	183142	247893	1.27%	0.338%
46	17.109	2549	2554	2562	rVB2	197264	392406	2.02%	0.536%
47	17.574	2628	2633	2641	rVB	140048	277802	1.43%	0.379%

Sum of corrected areas: 73263125

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
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Instrument :
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ClientSampleId :
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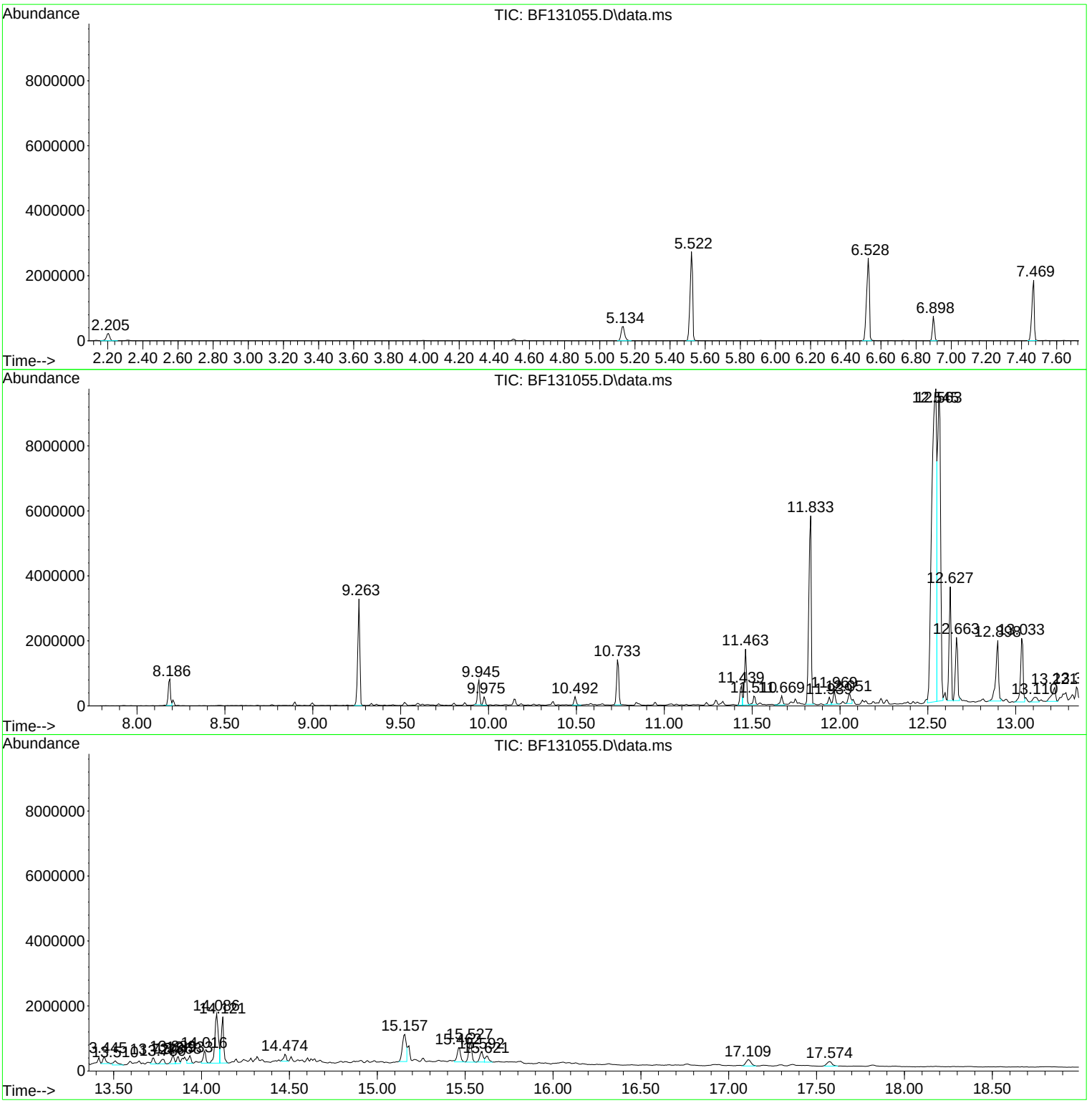
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131055.D
Acq On : 07 Nov 2022 21:44
Operator : CG\JU
Sample : N5453-01
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

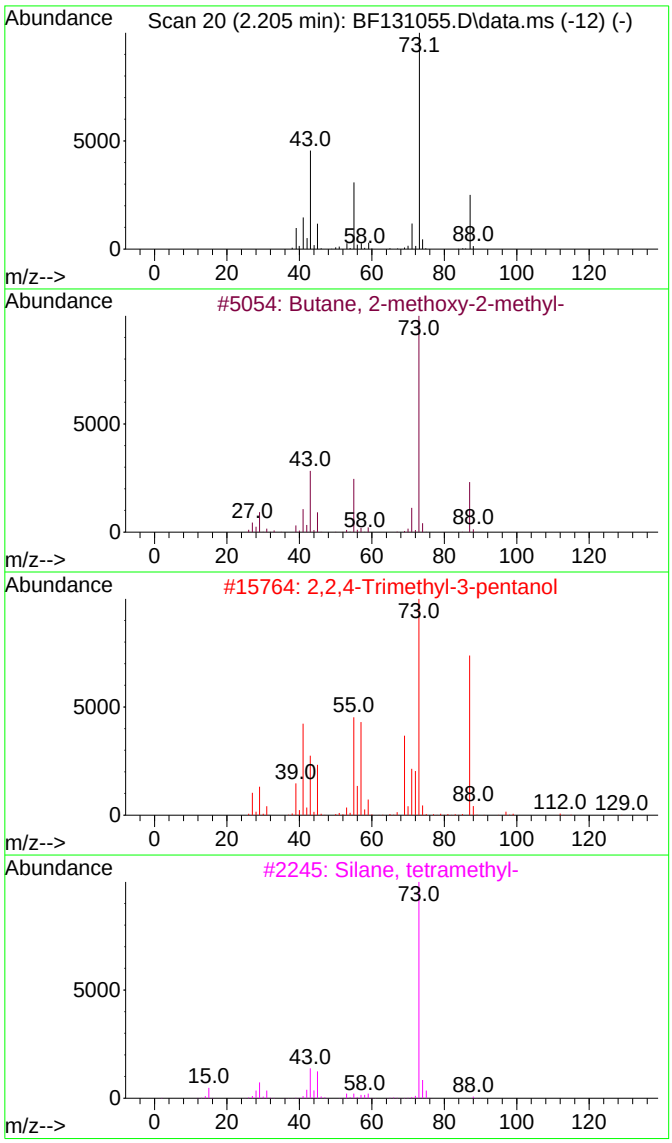
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

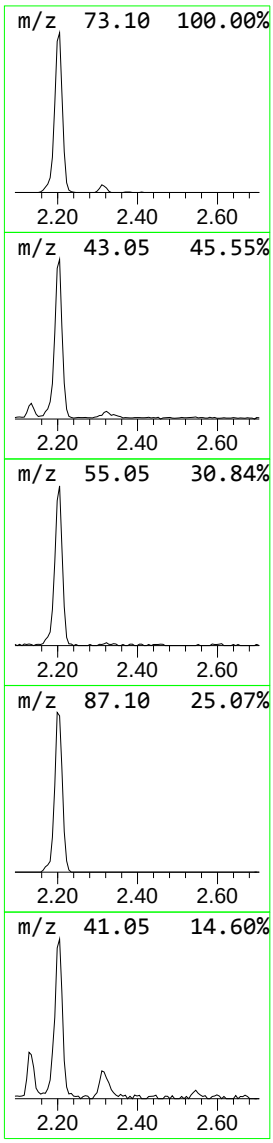
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	10.69 ng	307444	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131055.D
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Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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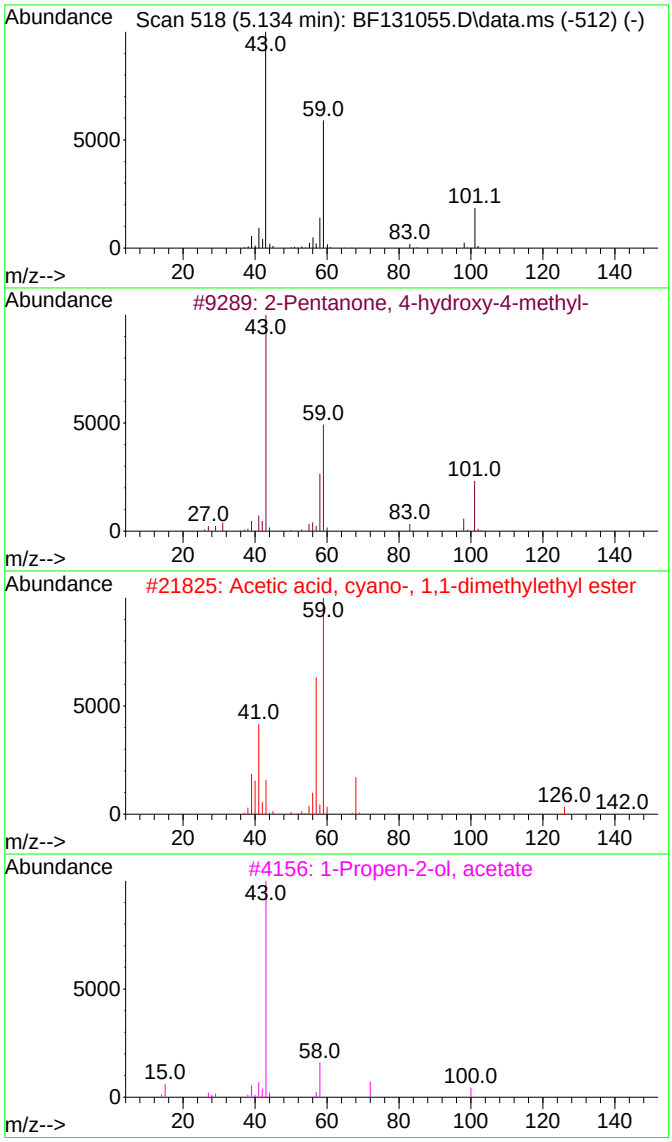
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

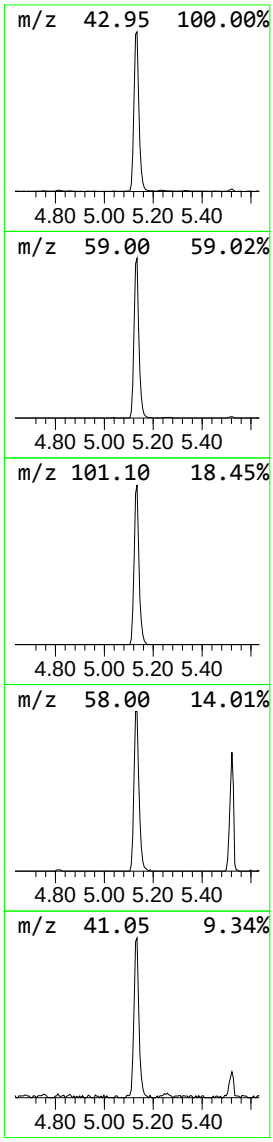
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	21.29 ng	612565	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Sample : N5453-01
Misc :
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Instrument :
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ClientSampleId :
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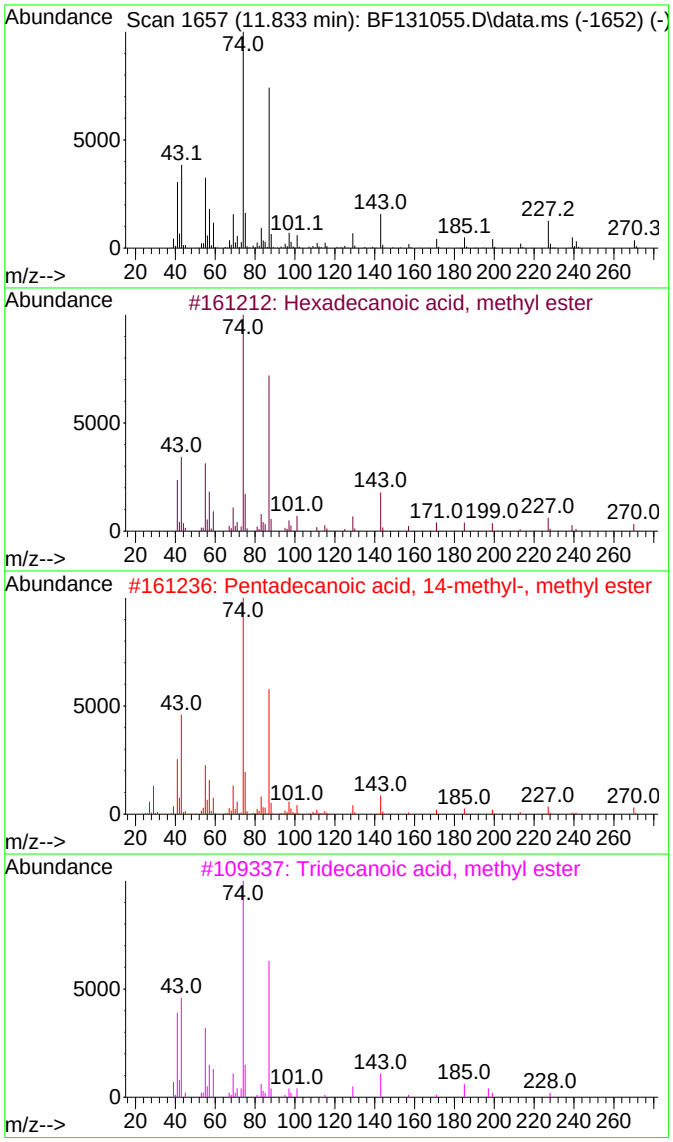
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

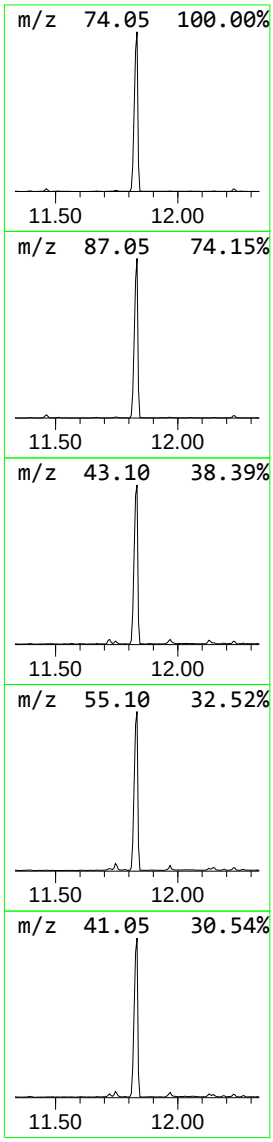
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	218.13 ng	5624960	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131055.D
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Operator : CG\JU
Sample : N5453-01
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

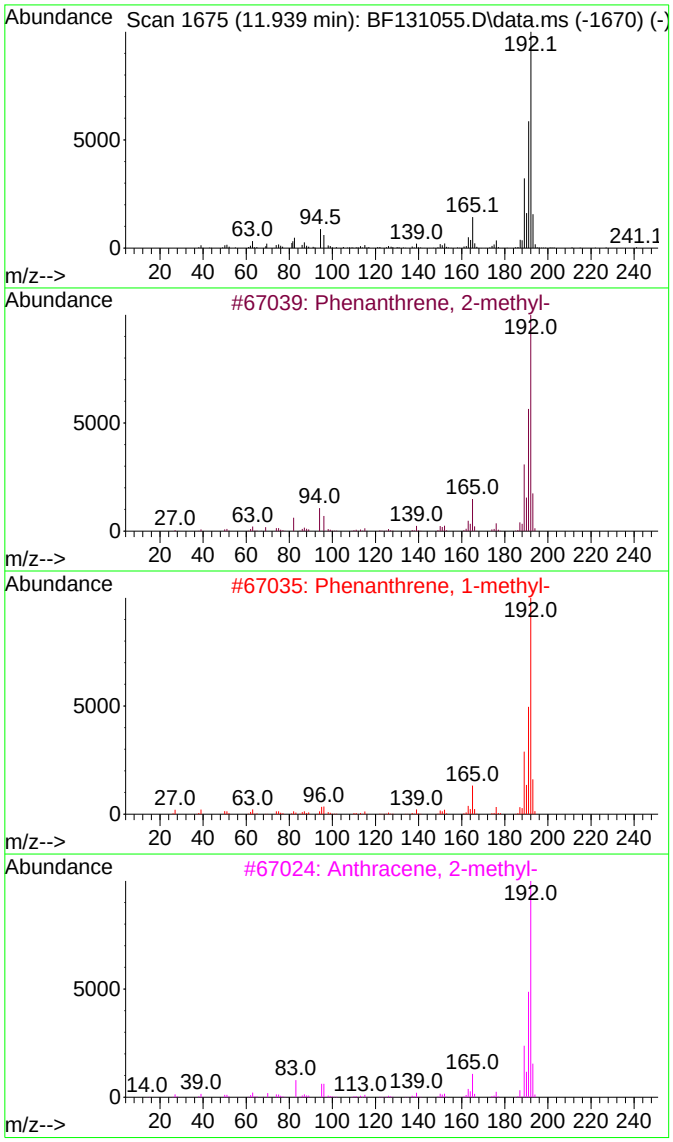
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

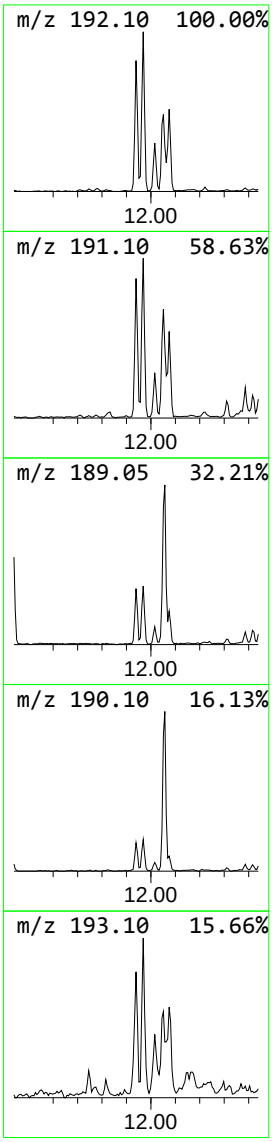
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	7.87 ng	202846	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-6-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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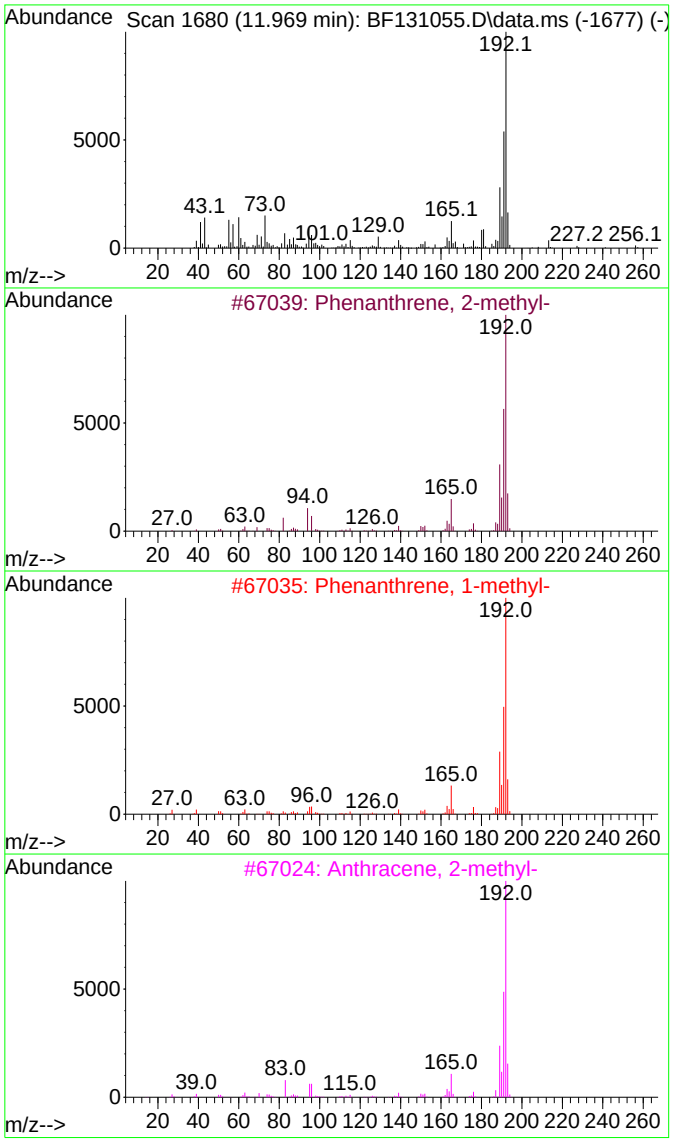
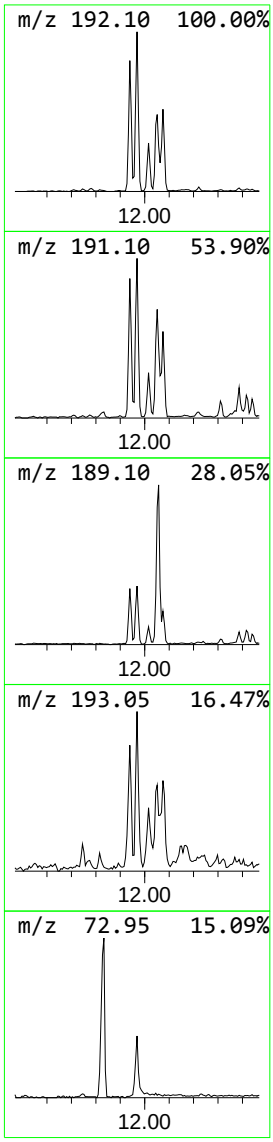
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	13.25 ng	341777	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Misc :
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Instrument :
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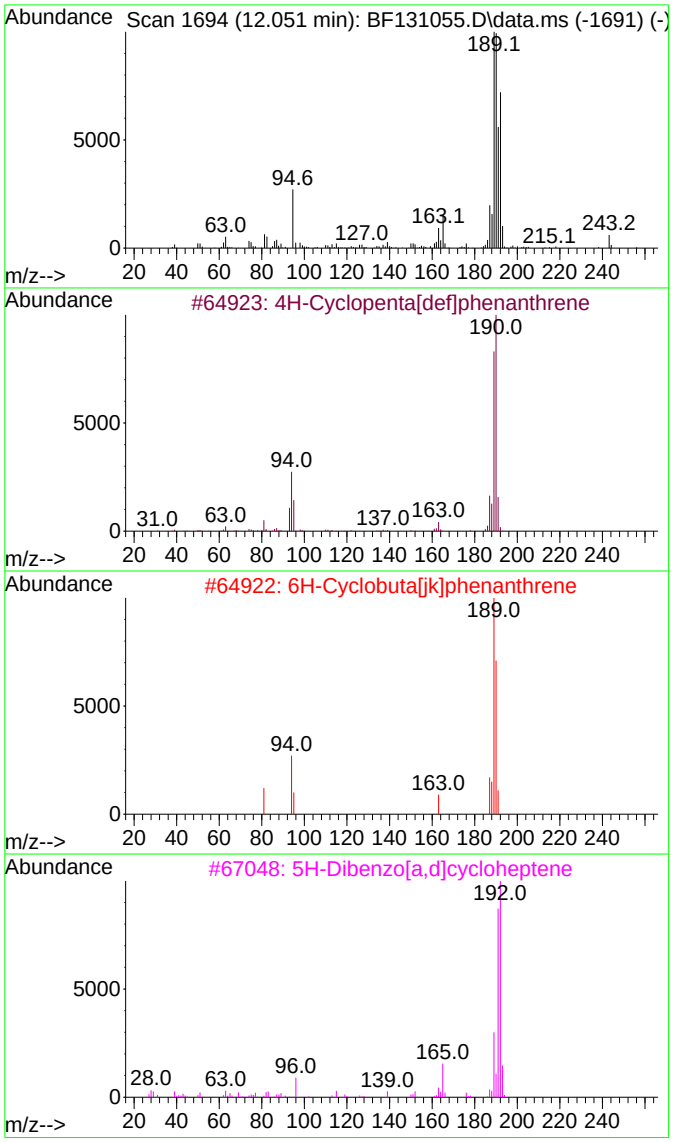
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

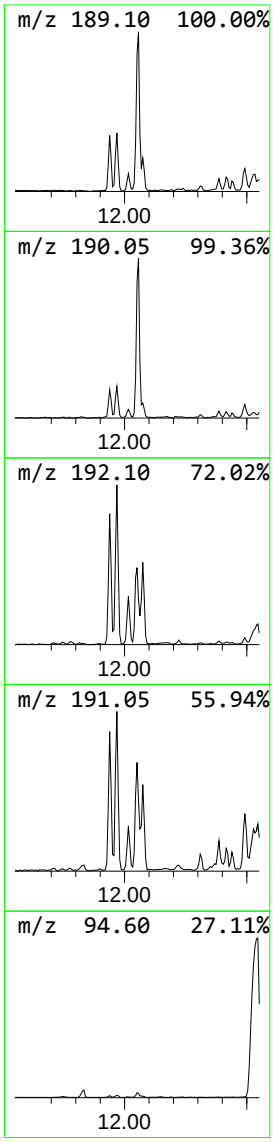
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	13.20 ng	340447	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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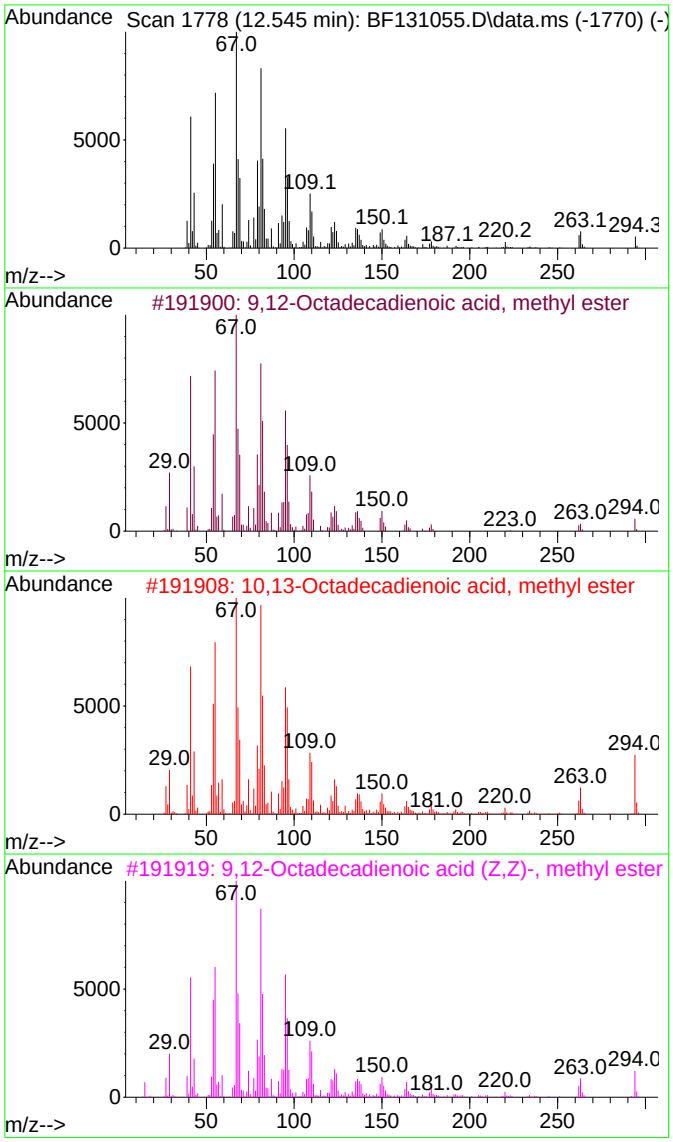
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

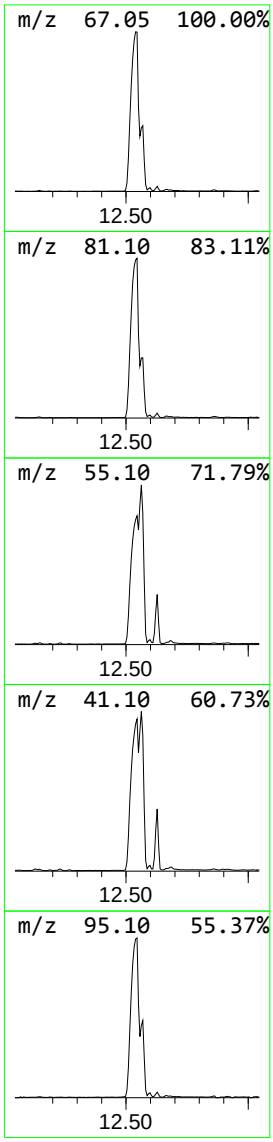
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	754.77 ng	19463000	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Data File : BF131055.D
Acq On : 07 Nov 2022 21:44
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Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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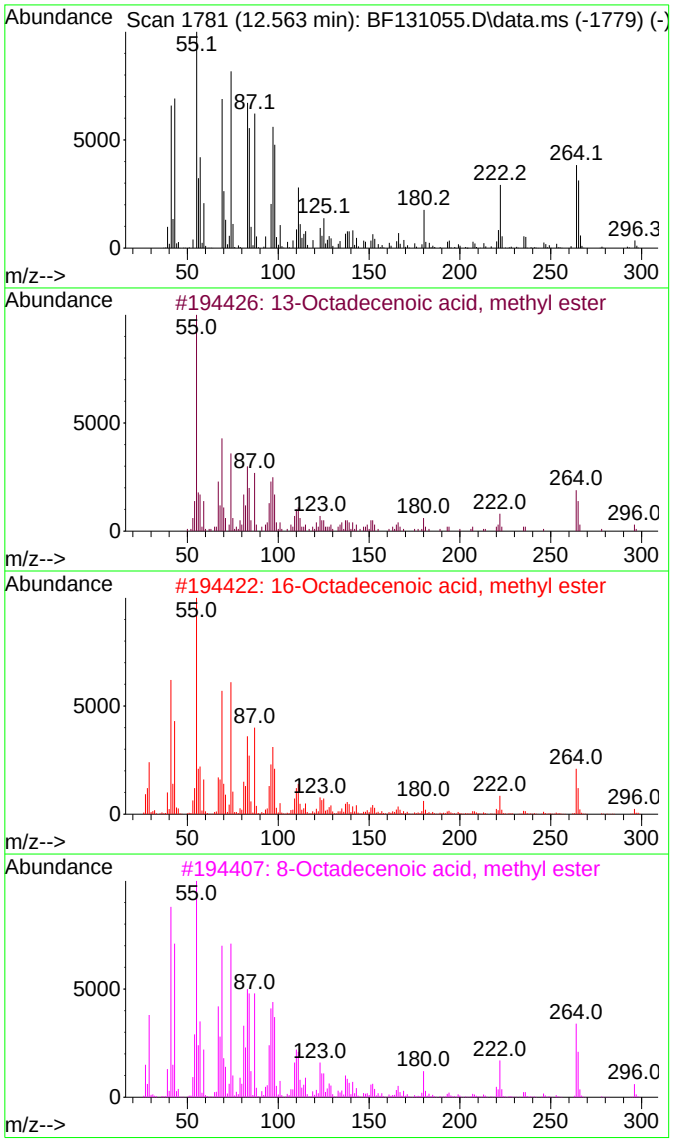
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

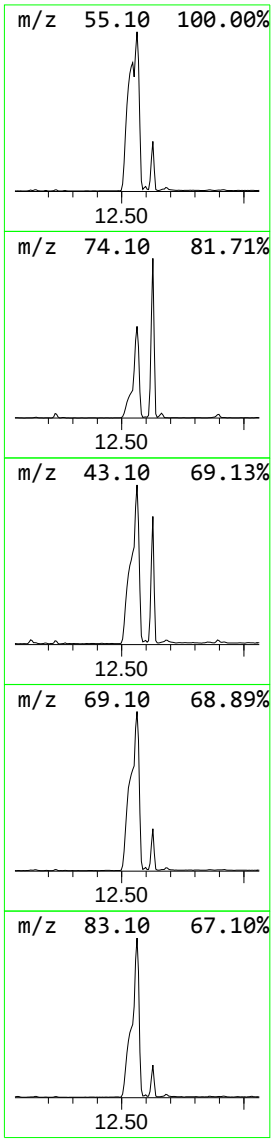
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	420.48 ng	10842800	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	89
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	86





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Acq On : 07 Nov 2022 21:44
Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-6-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

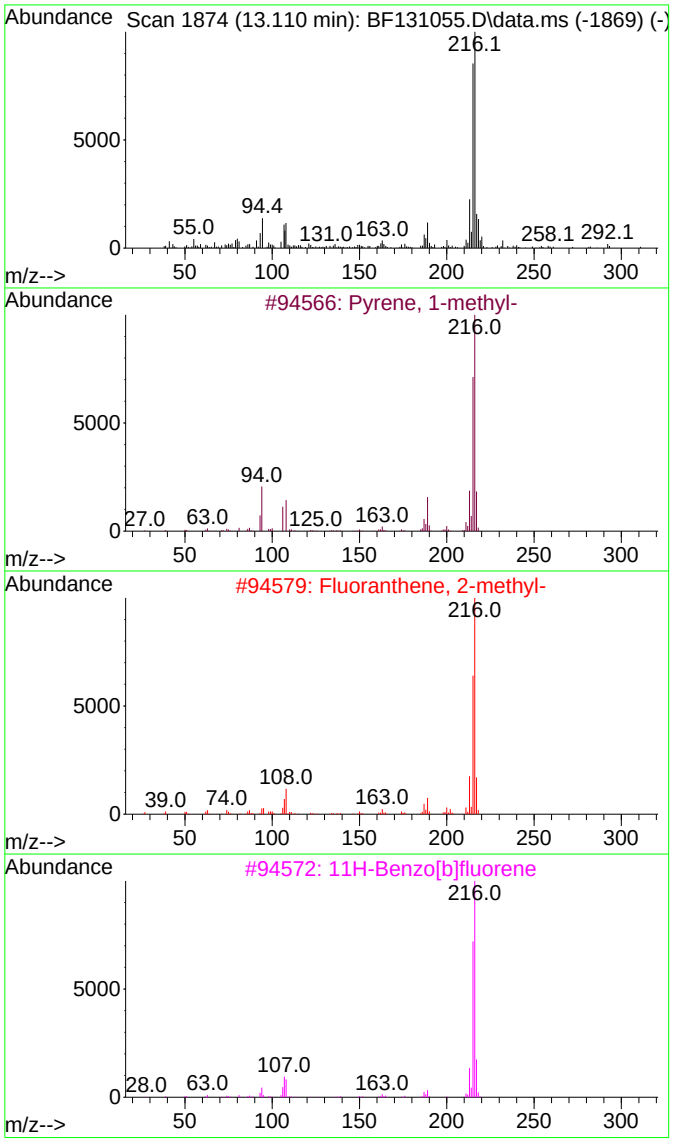
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

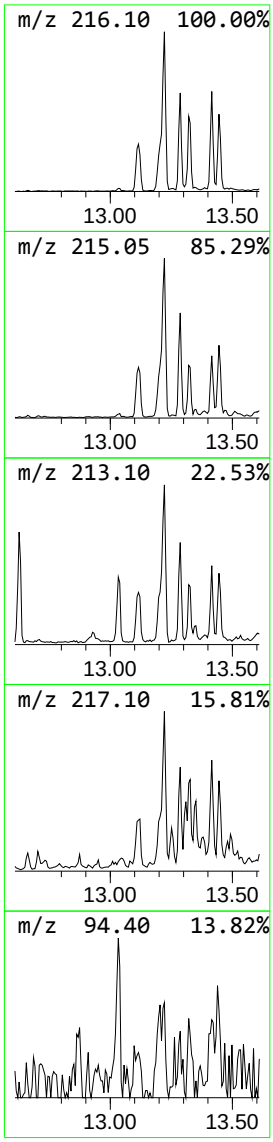
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.45 ng	263297	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-6-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

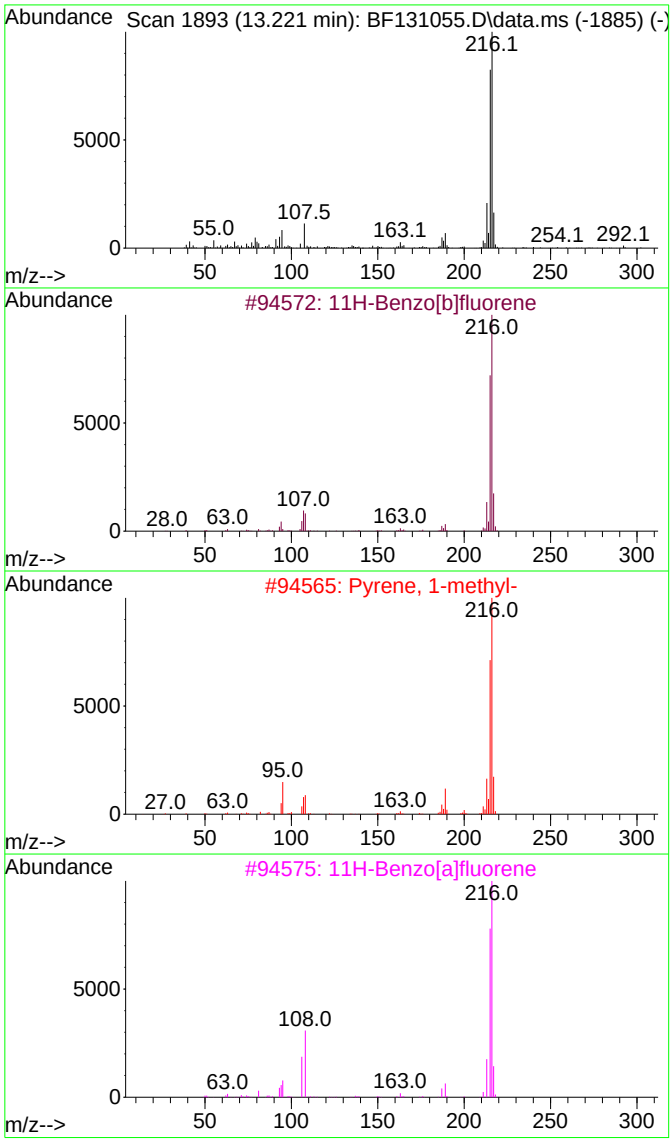
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

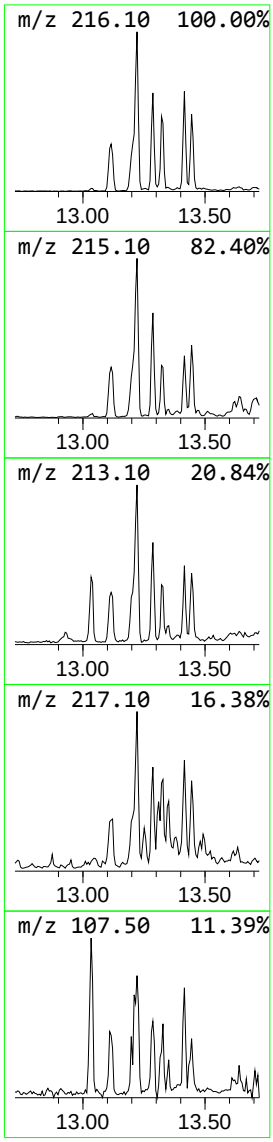
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	5.84 ng	626843	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : N5453-01
Misc :
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ClientSampleId :
TR-6-110322

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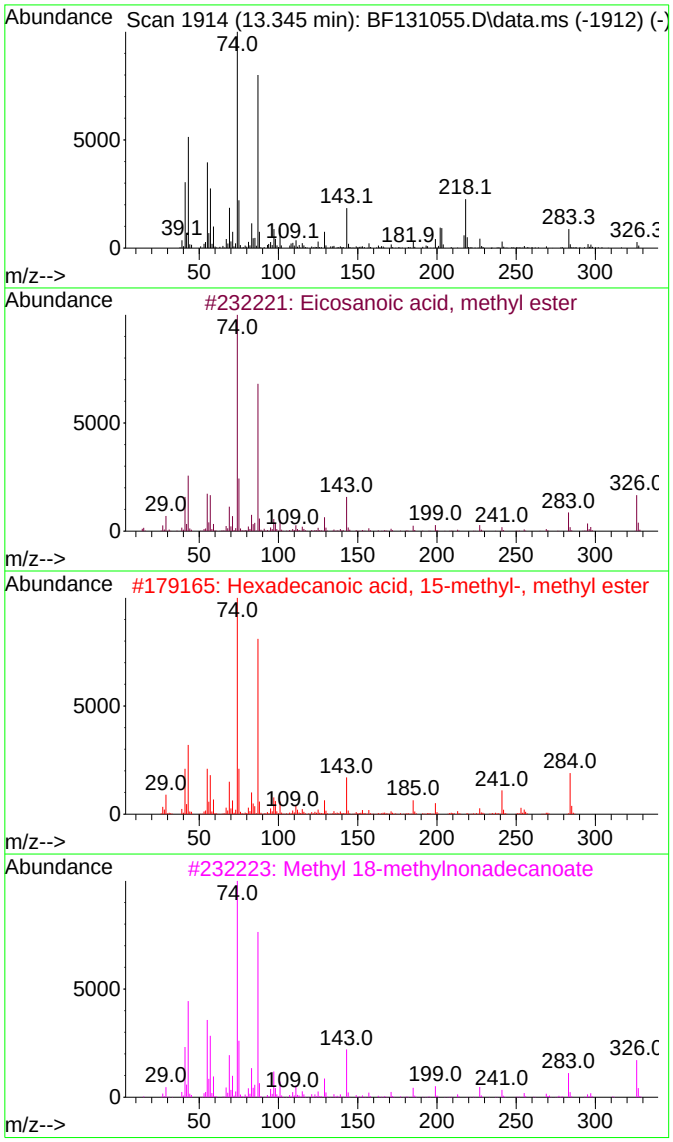
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

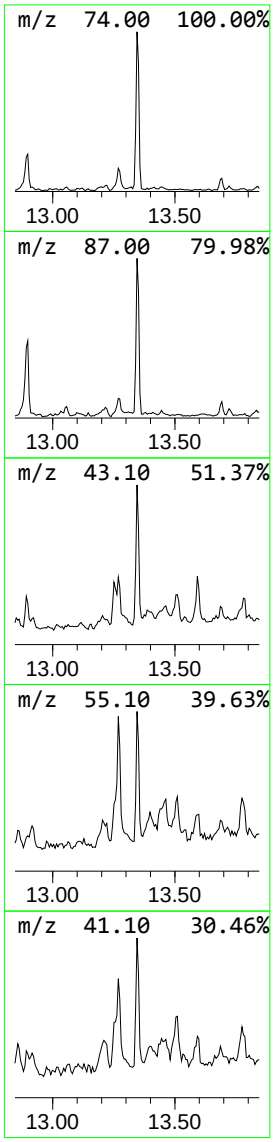
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Eicosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	3.07 ng	328967	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	86
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	74
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	74





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Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-6-110322

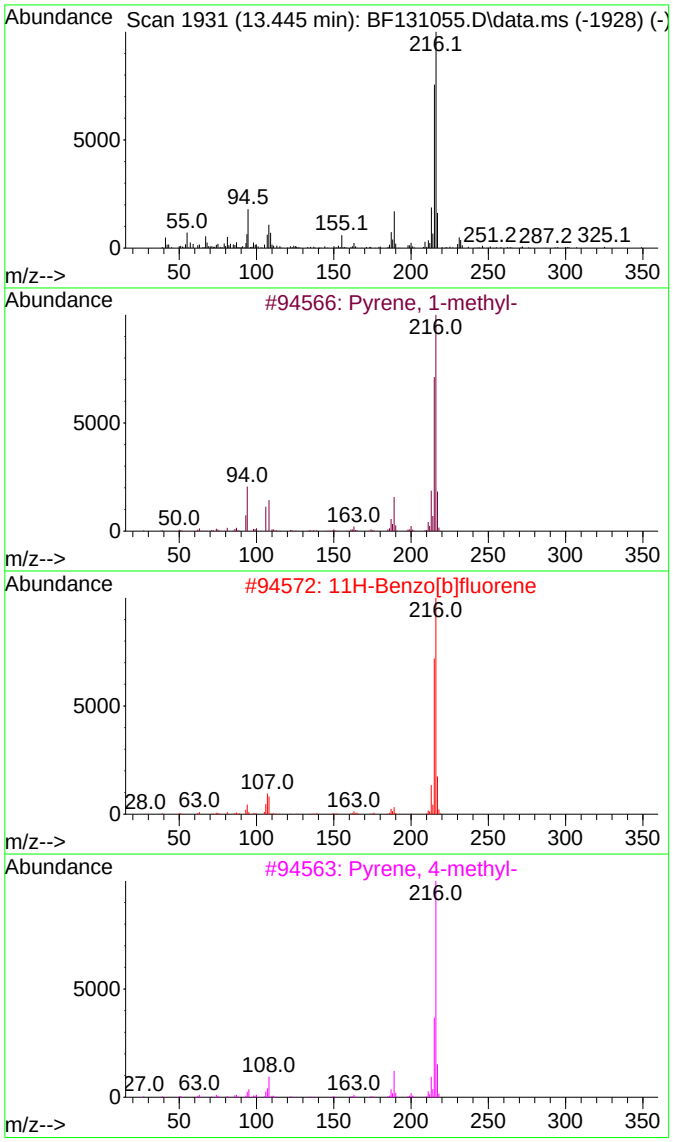
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

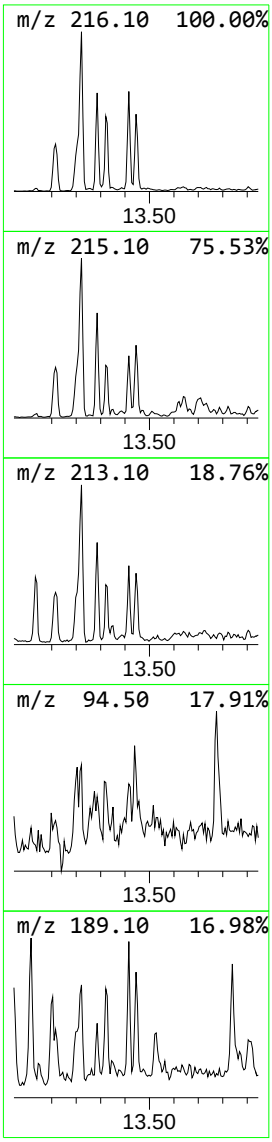
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	2.39 ng	256569	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-6-110322

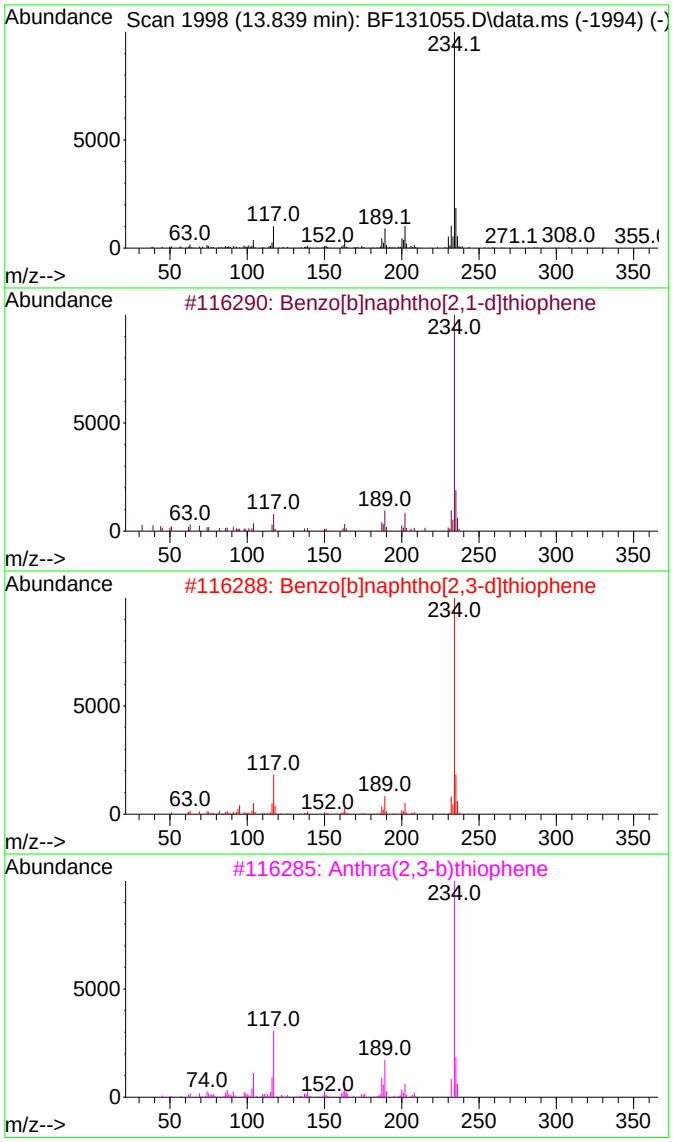
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

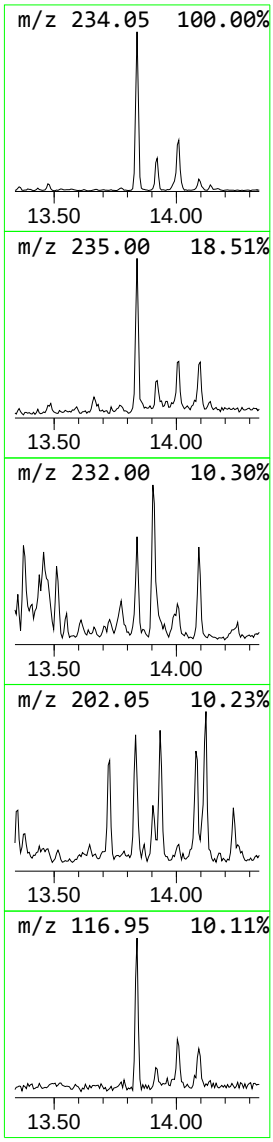
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	2.66 ng	285012	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59





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Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

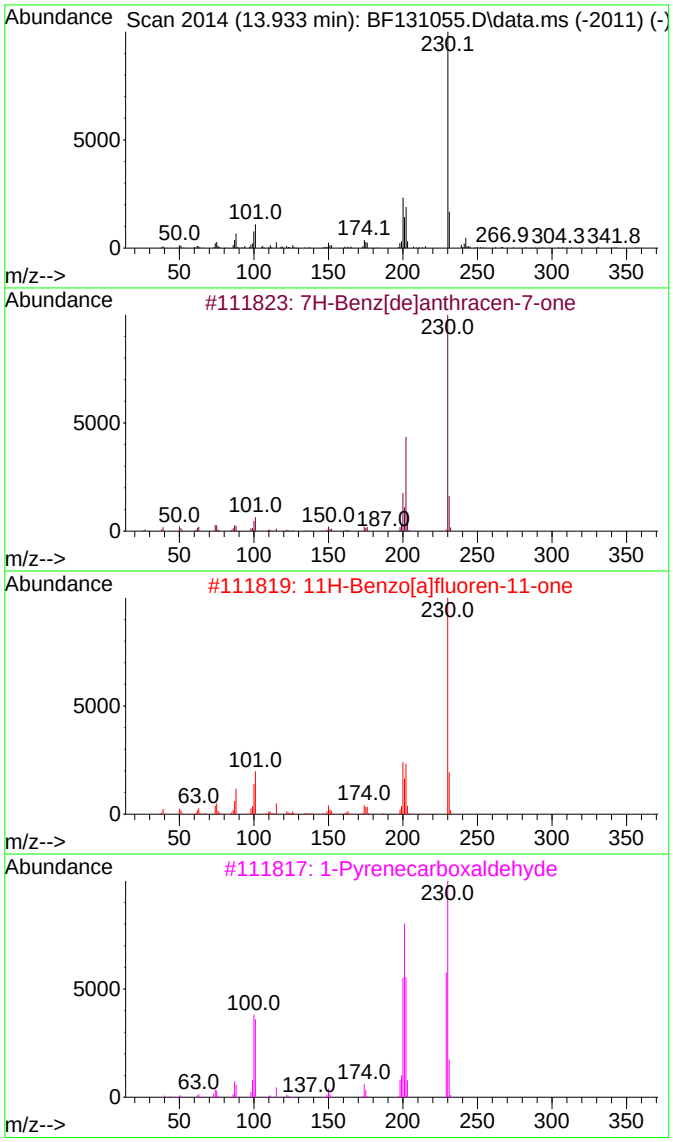
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

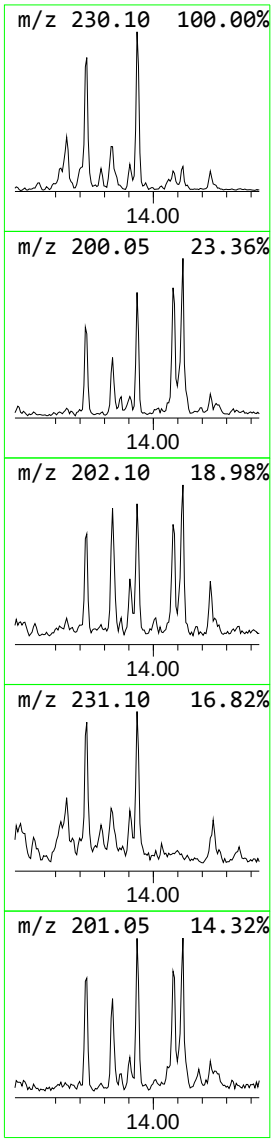
****

Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.34 ng	251035	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-6-110322

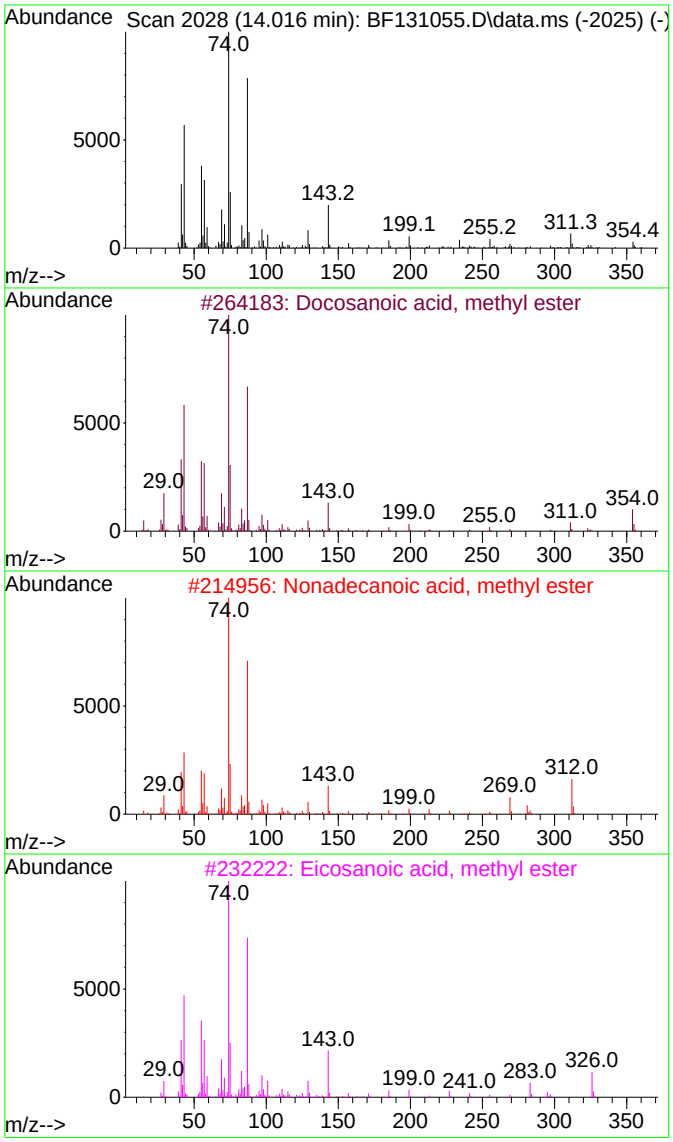
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

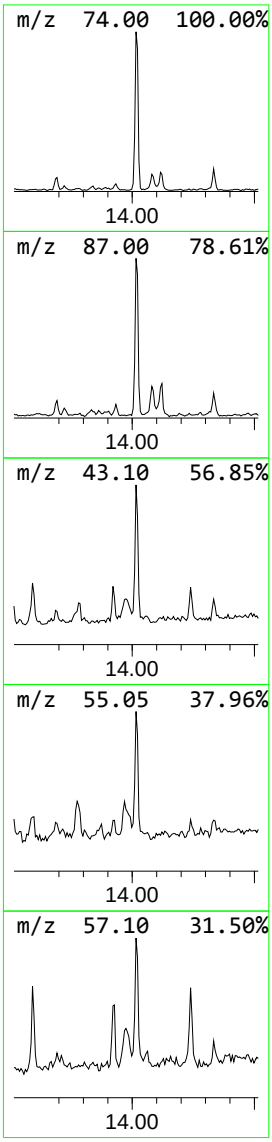
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.015	3.51 ng	376306	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-6-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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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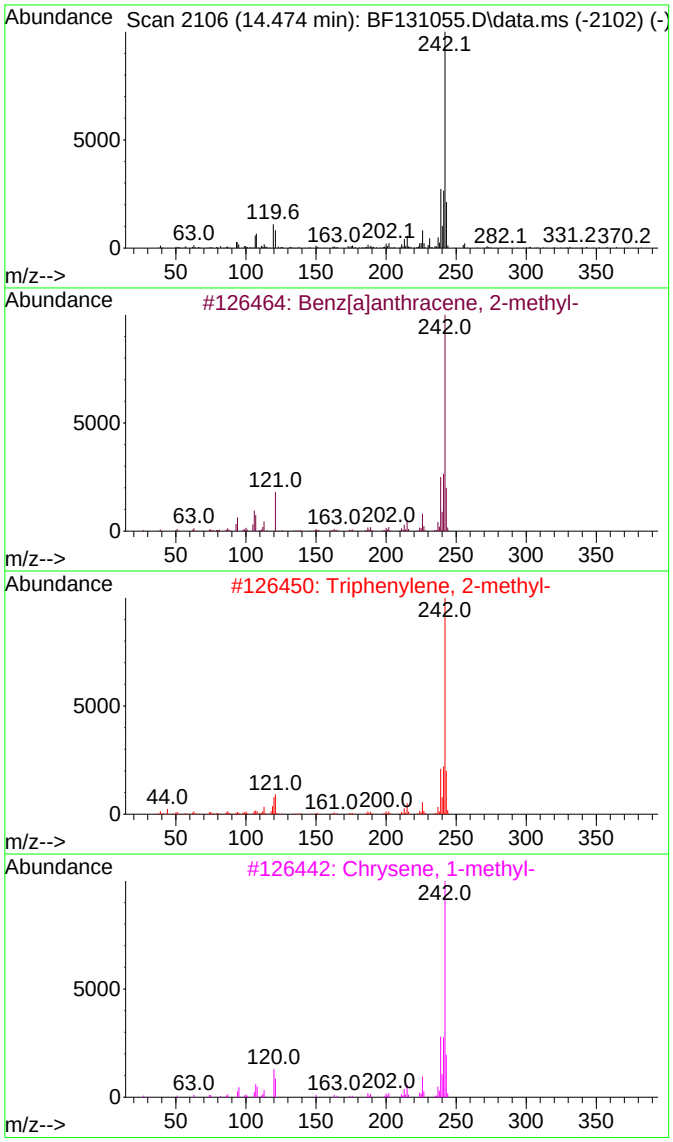
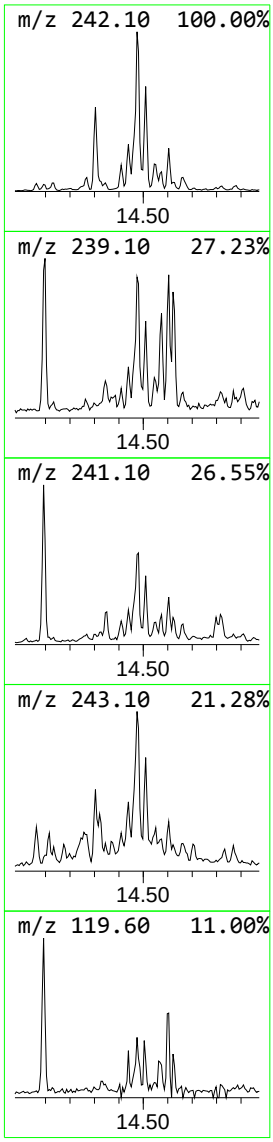
Peak Number 16 Benz[a]anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	2.17 ng	232949	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86





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Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-6-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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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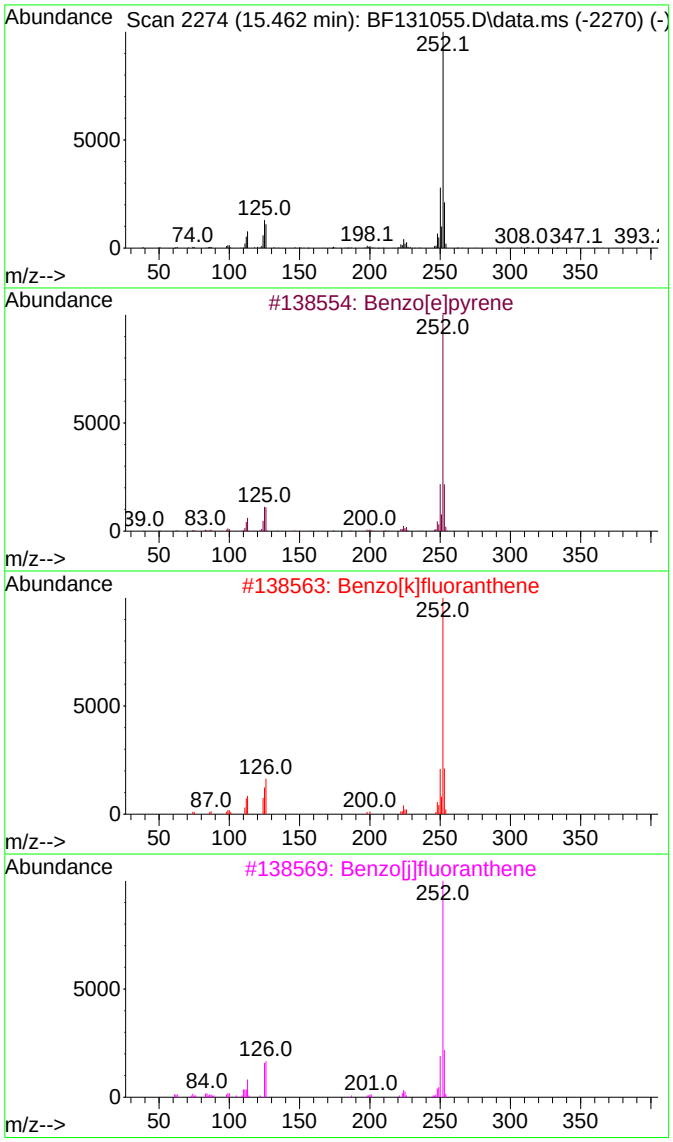
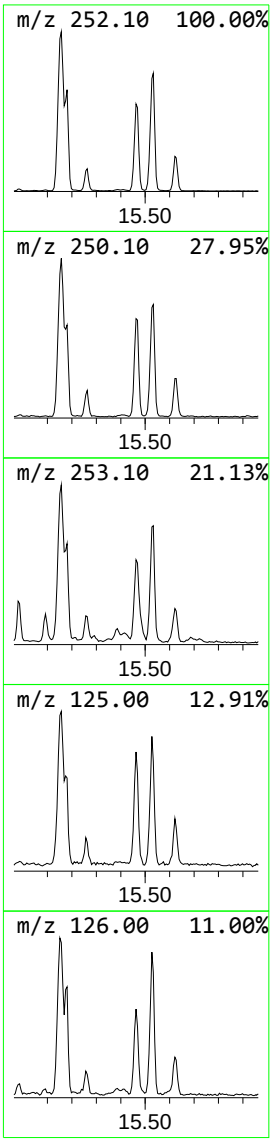
Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	27.81 ng	587245	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131055.D
Acq On : 07 Nov 2022 21:44
Operator : CG\JU
Sample : N5453-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-6-110322

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.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...	2.205	10.7	ng	307444	1	6.898	575324	20.0
2-Pentanone, 4-...	5.134	21.3	ng	612565	1	6.898	575324	20.0
Hexadecanoic ac...	11.833	218.1	ng	5624960	4	11.439	515733	20.0
Phenanthrene, 2...	11.939	7.9	ng	202846	4	11.439	515733	20.0
Phenanthrene, 1...	11.969	13.3	ng	341777	4	11.439	515733	20.0
4H-Cyclopenta[d...	12.051	13.2	ng	340447	4	11.439	515733	20.0
9,12-Octadecadi...	12.545	754.8	ng	19463000	4	11.439	515733	20.0
13-Octadecenoic...	12.563	420.5	ng	10842800	4	11.439	515733	20.0
Pyrene, 1-methyl-	13.110	2.5	ng	263297	5	14.092	2146510	20.0
11H-Benzo[b]flu...	13.222	5.8	ng	626843	5	14.092	2146510	20.0
Eicosanoic acid...	13.345	3.1	ng	328967	5	14.092	2146510	20.0
Pyrene, 4-methyl-	13.445	2.4	ng	256569	5	14.092	2146510	20.0
Benzo[b]naphtho...	13.839	2.7	ng	285012	5	14.092	2146510	20.0
7H-Benz[de]anth...	13.933	2.3	ng	251035	5	14.092	2146510	20.0
Docosanoic acid...	14.015	3.5	ng	376306	5	14.092	2146510	20.0
Benz[a]anthrace...	14.474	2.2	ng	232949	5	14.092	2146510	20.0
Benzo[e]pyrene	15.463	27.8	ng	587245	6	15.592	422288	20.0