LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.534	392	399	410	rBV	219224	333668	8.57%	1.385%
2	7.169	668	677	688	rBV	227710	356960	9.16%	1.482%
3	8.010	810	820	827	rBV	159968	255000	6.55%	1.059%
4	9.186	1013	1020	1025	rBV	140028	226797	5.82%	0.942%
5	10.786	1286	1292	1294	rBV	27421	43475	1.12%	0.181%
6	10.827	1294	1299	1305	rVV	218202	361523	9.28%	1.501%
7	12.227	1530	1537	1543	rBV	39404	61278	1.57%	0.254%
8	12.486	1577	1581	1589	rVB	26732	41527	1.07%	0.172%
9	12.704	1610	1618	1621	rBV	24737	41282	1.06%	0.171%
10	13.280	1710	1716	1724	rVB	320998	472089	12.12%	1.960%
11	13.468	1740	1748	1756	rBV2	55748	95580	2.45%	0.397%
12	14.115	1852	1858	1862	rVB3	26727	54546	1.40%	0.226%
13	14.380	1898	1903	1913	rBV	88447	142398	3.66%	0.591%
14	14.533	1925	1929	1938	rVB	63413	87751	2.25%	0.364%
15	14.657	1944	1950	1956	rVB	307651	451933	11.60%	1.876%
16	14.715	1956	1960	1966	rBV	39579	63770	1.64%	0.265%
17	15.051	2010	2017	2022	rVB2	40136	63323	1.63%	0.263%
18	15.480	2085	2090	2094	rBV	66004	81887	2.10%	0.340%
19	15.698	2121	2127	2139	rVB	65141	108951	2.80%	0.452%
20	15.886	2150	2159	2164	rBV3	20447	50708	1.30%	0.211%
21	16.133	2196	2201	2207	rVB	249324	346809	8.90%	1.440%
22	16.339	2231	2236	2239	rBV	73956	105593	2.71%	0.438%
23	17.127	2364	2370	2374	rBV	65337	86688	2.23%	0.360%
24	17.203	2380	2383	2390	rVB	33918	50637	1.30%	0.210%
25	17.386	2408	2414	2417	rBV	329230	479116	12.30%	1.989%
26	17.427	2417	2421	2428	rVV	382196	514946	13.22%	2.138%
27	17.515	2431	2436	2441	rVV	115054	157958	4.06%	0.656%
28	17.780	2477	2481	2486	rBV	32835	42414	1.09%	0.176%
29	17.856	2491	2494	2498	rVV	56585	76782	1.97%	0.319%
30	17.903	2498	2502	2507	rVB2	159633	195277	5.01%	0.811%
31	18.033	2519	2524	2532	rVB	1352283	1666173	42.78%	6.918%
32	18.256	2556	2562	2566	rBV2	174859	253179	6.50%	1.051%
33	18.298	2566	2569	2575	rVB	75867	103245	2.65%	0.429%
34	18.380	2578	2583	2588	rVB	28314	45559	1.17%	0.189%
35	18.445	2588	2594	2598	rBV2	80971	153208	3.93%	0.636%
36	18.480	2598	2600	2606	rVB	36050	44013	1.13%	0.183%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

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_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.545	2606	2611	2615	rBV	57247	76638	1.97%	0.318%
38	18.745	2641	2645	2649	rVB	37835	46339	1.19%	0.192%
39	19.168	2711	2717	2720	rBV	2620710	3420622	87.82%	14.202%
40	19.203	2720	2723	2734	rVB2	3099508	3895151	100.00%	16.172%
41	19.327	2734	2744	2749	rBV	584161	689251	17.70%	2.862%
42	19.380	2749	2753	2755	rBV	67629	88180	2.26%	0.366%
43	19.421	2755	2760	2767	rVB	697688	1065440	27.35%	4.424%
44	19.521	2773	2777	2781	rBV2	55194	73007	1.87%	0.303%
45	19.568	2782	2785	2790	rVB	45053	53639	1.38%	0.223%
46	19.686	2803	2805	2810	rVB3	40416	49057	1.26%	0.204%
47	19.744	2811	2815	2817	rBV	112295	147137	3.78%	0.611%
48	19.780	2817	2821	2829	rVB	641715	868272	22.29%	3.605%
49	19.850	2829	2833	2840	rBV2	27050	47060	1.21%	0.195%
50	19.974	2848	2854	2858	rBV	443742	537933	13.81%	2.233%
51	20.109	2870	2877	2883	rBV4	43386	111235	2.86%	0.462%
52	20.268	2901	2904	2908	rVB	94453	104060	2.67%	0.432%
53	20.303	2908	2910	2916	rVB3	41875	42221	1.08%	0.175%
54	20.368	2917	2921	2924	rBV	50374	62489	1.60%	0.259%
55	20.409	2924	2928	2934	rBV2	69017	149279	3.83%	0.620%
56	20.509	2942	2945	2950	rVB5	43623	58101	1.49%	0.241%
57	20.562	2951	2954	2958	rBV	44237	58041	1.49%	0.241%
58	21.003	3026	3029	3037	rVB	51382	80834	2.08%	0.336%
59	21.168	3054	3057	3060	rVB	47002	54261	1.39%	0.225%
60	21.209	3060	3064	3067	rBV2	103570	126212	3.24%	0.524%
61	21.244	3067	3070	3074	rVB2	48659	61004	1.57%	0.253%
62	21.509	3109	3115	3119	rBV2	518390	1041083	26.73%	4.322%
63	21.550	3119	3122	3131	rVB	349456	448853	11.52%	1.864%
64	21.668	3140	3142	3148	rVB	42052	50749	1.30%	0.211%
65	21.721	3148	3151	3155	rBV	44488	52583	1.35%	0.218%
66	21.827	3166	3169	3174	rVB2	38761	53354	1.37%	0.222%
67	23.115	3382	3388	3392	rBV	333051	729988	18.74%	3.031%
68	23.285	3413	3417	3423	rVB	94949	155623	4.00%	0.646%
69	23.603	3466	3471	3476	rBV	195439	328507	8.43%	1.364%
70	23.703	3482	3488	3494	rVB	321056	596302	15.31%	2.476%
71	23.797	3499	3504	3509	rBV2	212493	392820	10.08%	1.631%
72	26.121	3892	3899	3910	rVB	187729	553857	14.22%	2.300%

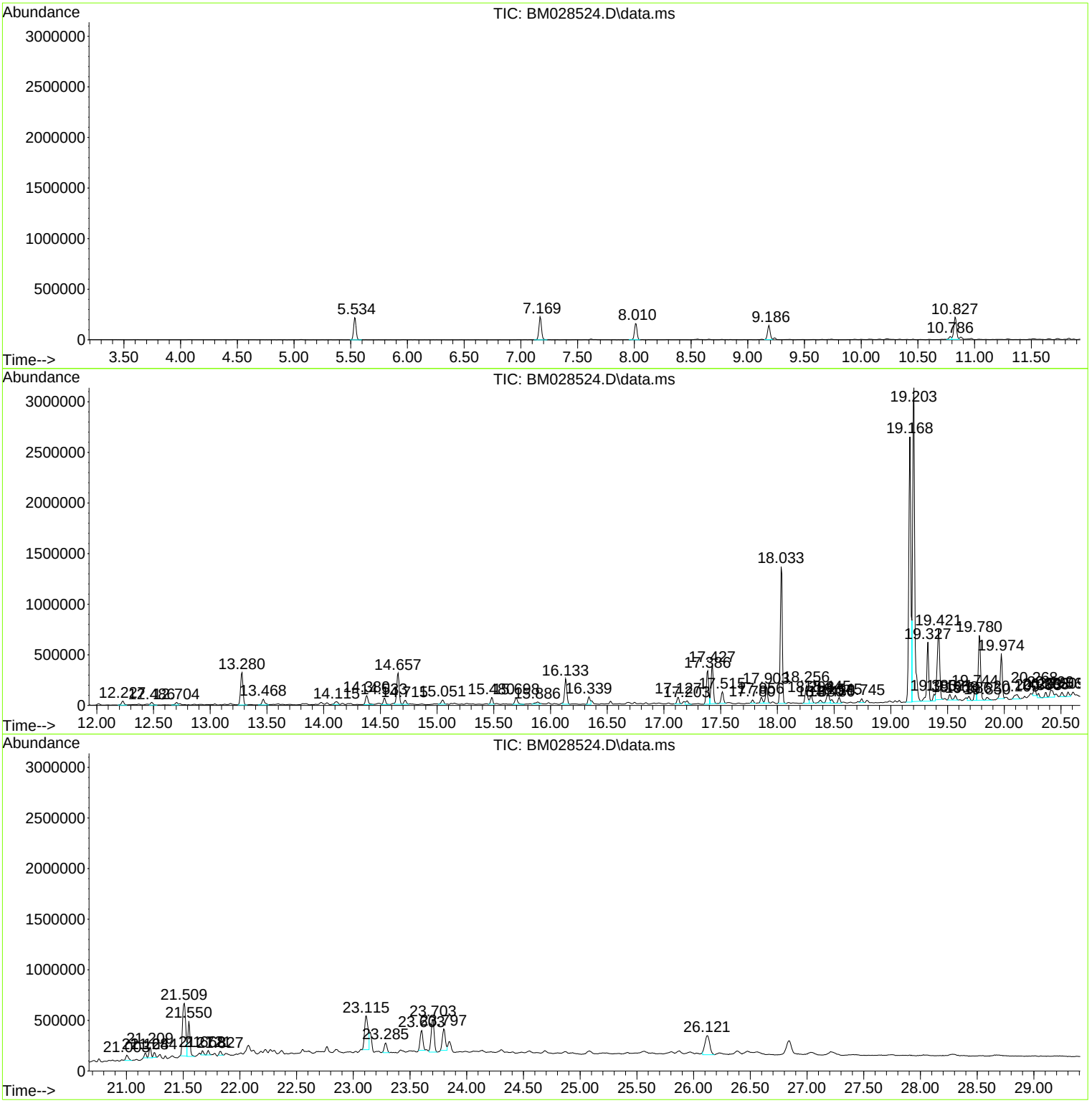
Sum of corrected areas: 24085225

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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_M\Data\BM012221\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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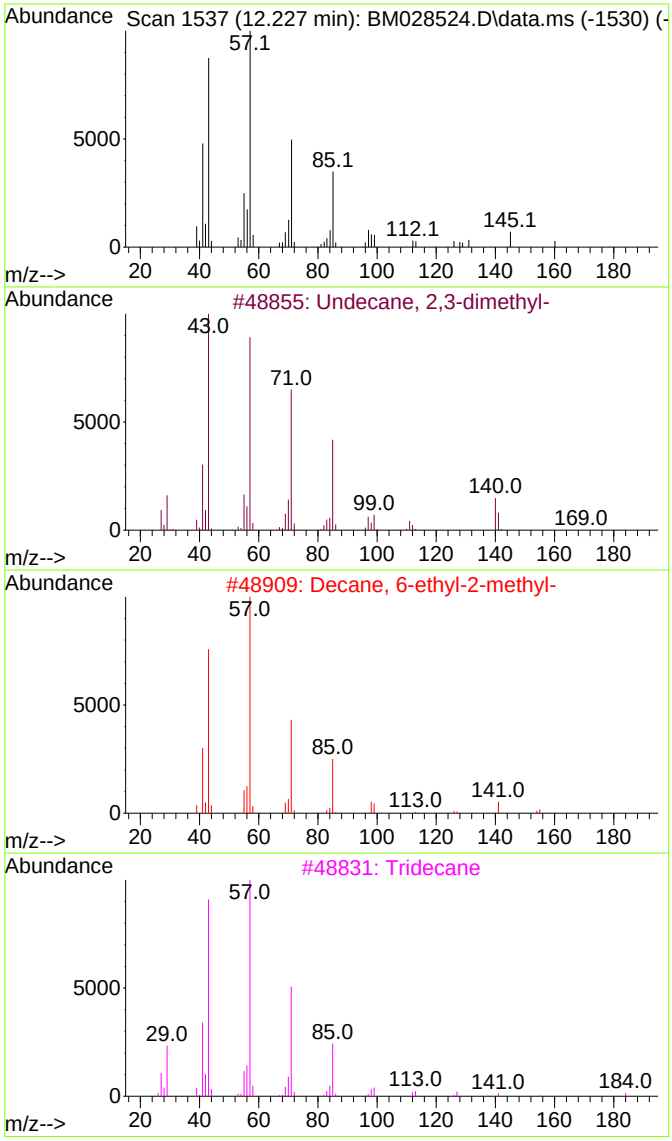
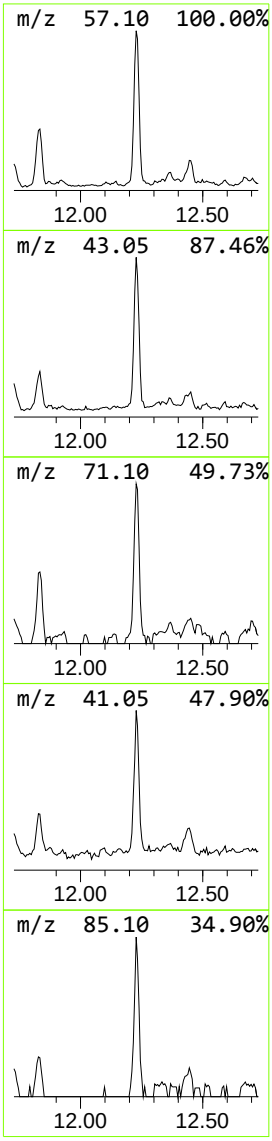
Peak Number 1 Undecane, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	3.39 ng	61278	Naphthalene-d8	10.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	78
5	Undecane	156	C11H24	001120-21-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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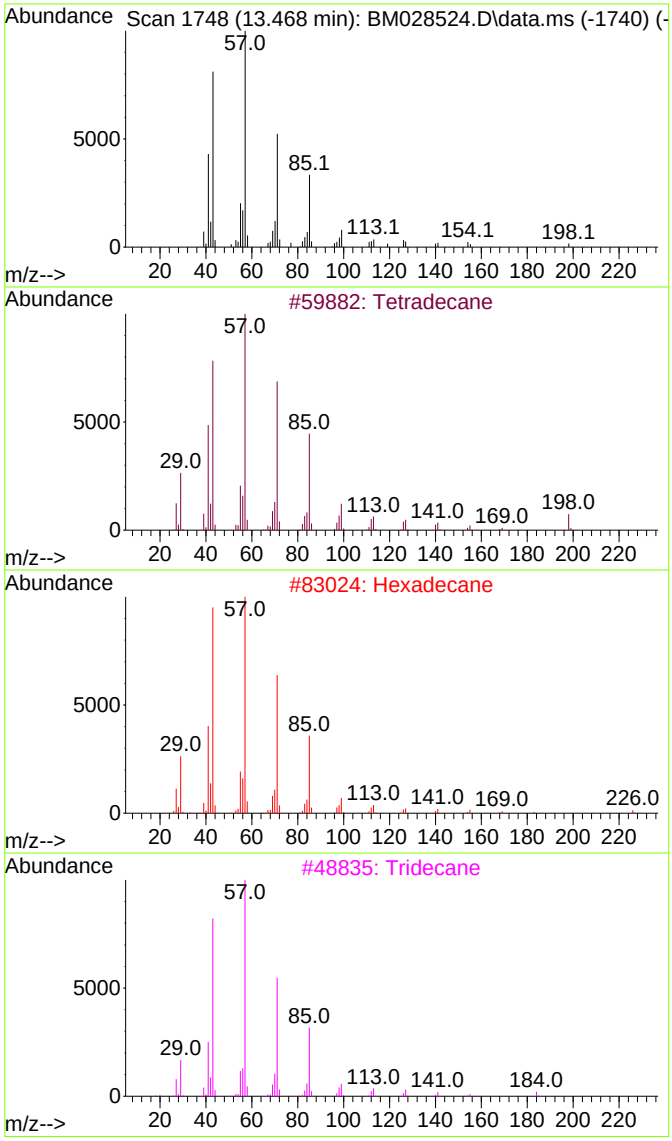
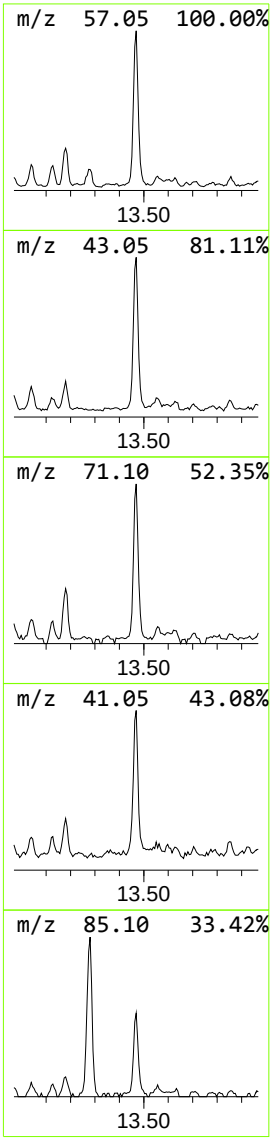
Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.468	4.23 ng	95580	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Undecane	156	C11H24	001120-21-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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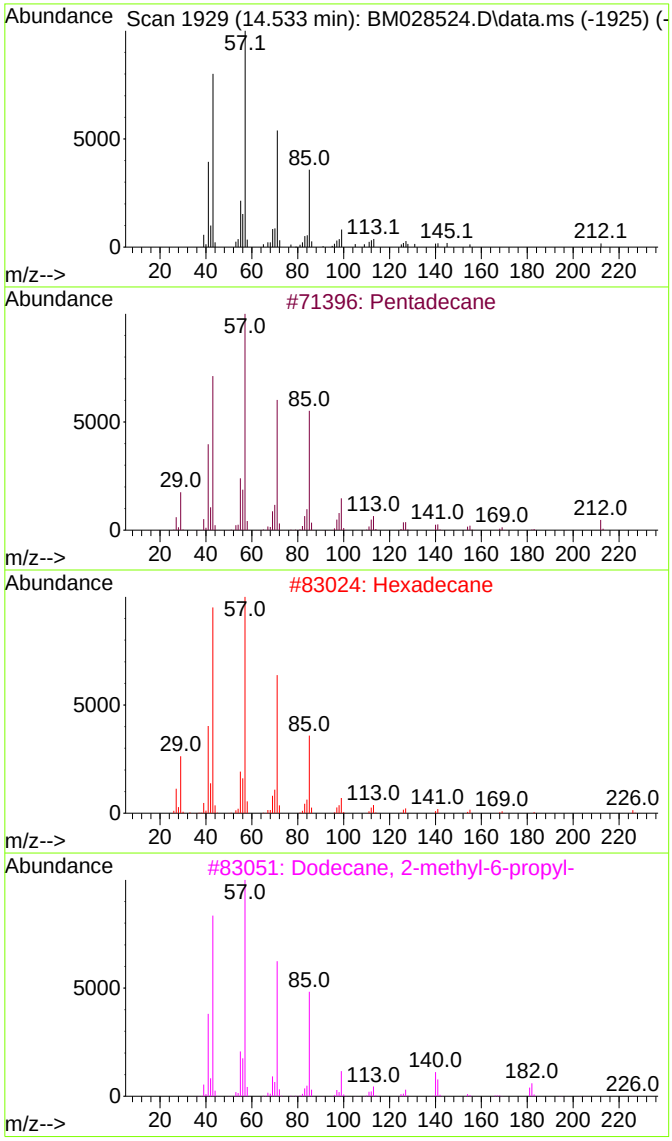
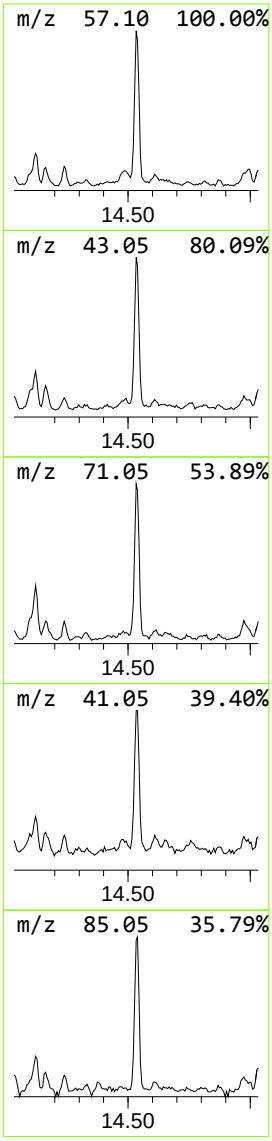
Peak Number 3 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	3.88 ng	87751	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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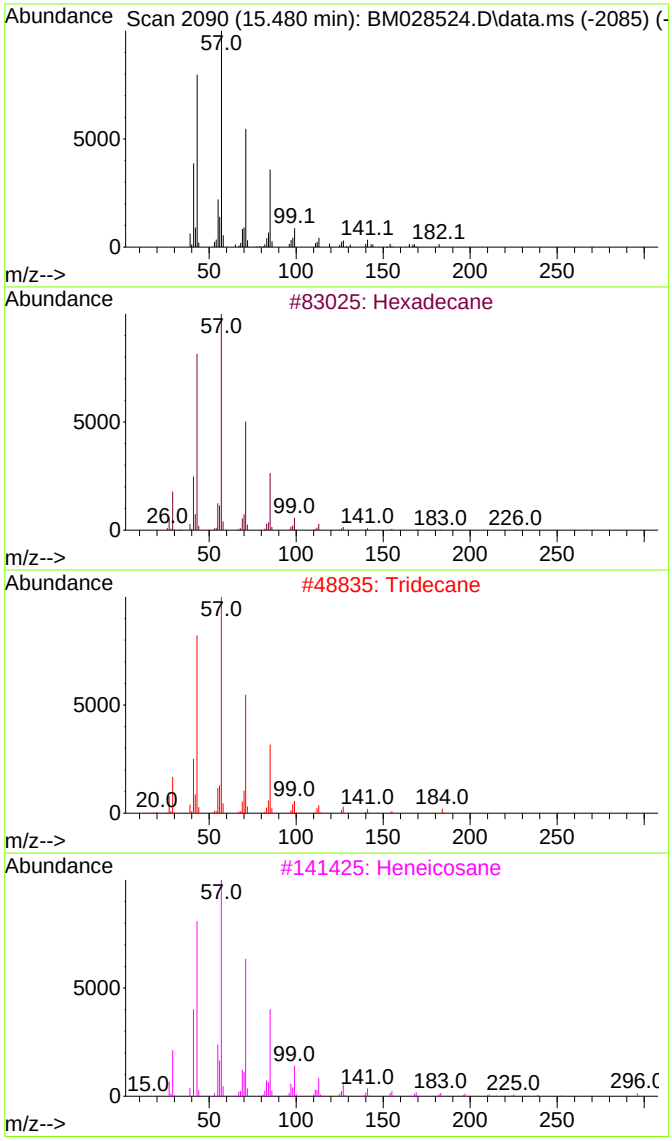
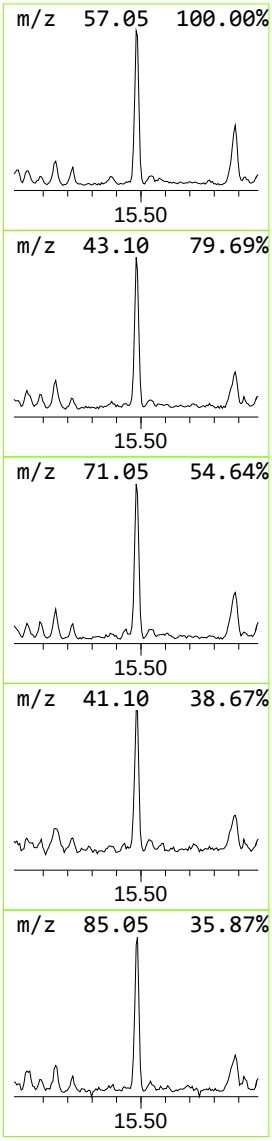
Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	3.62 ng	81887	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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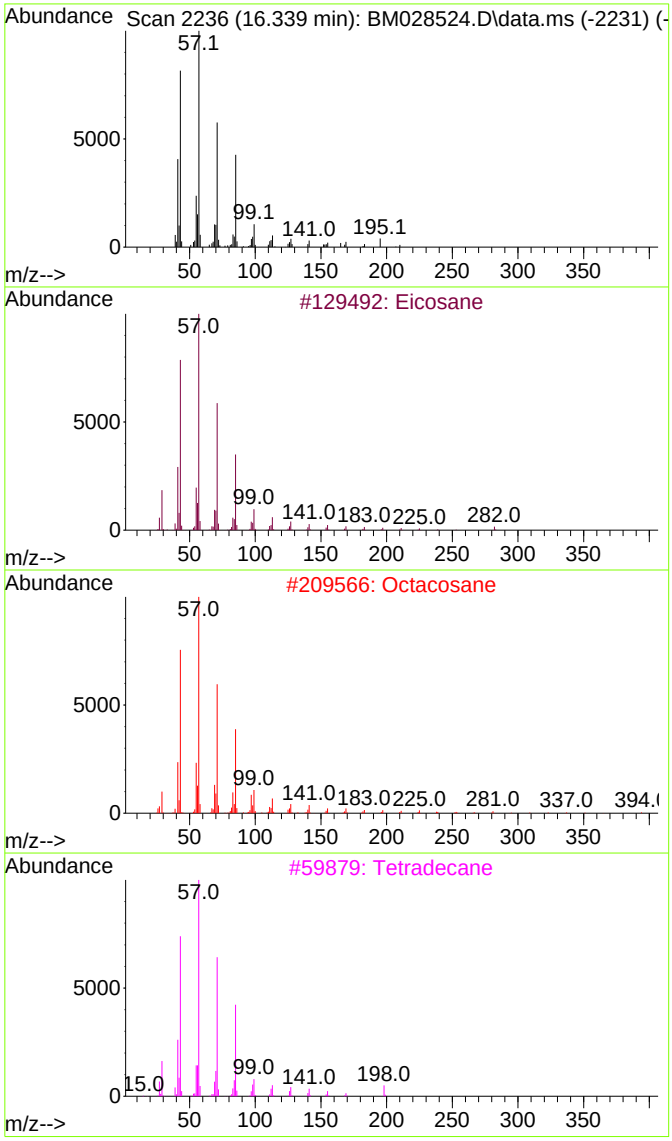
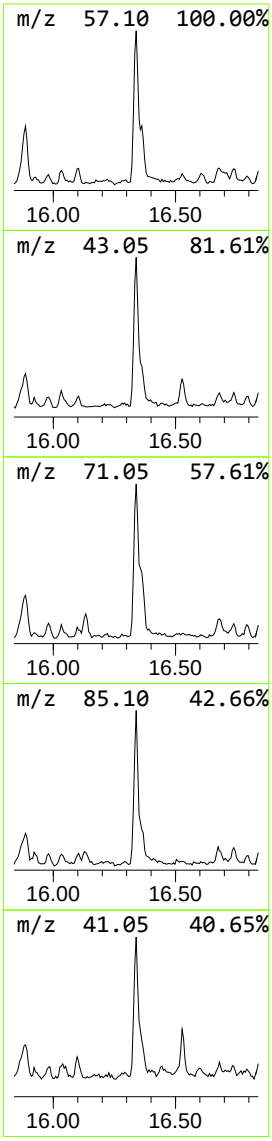
Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	4.41 ng	105593	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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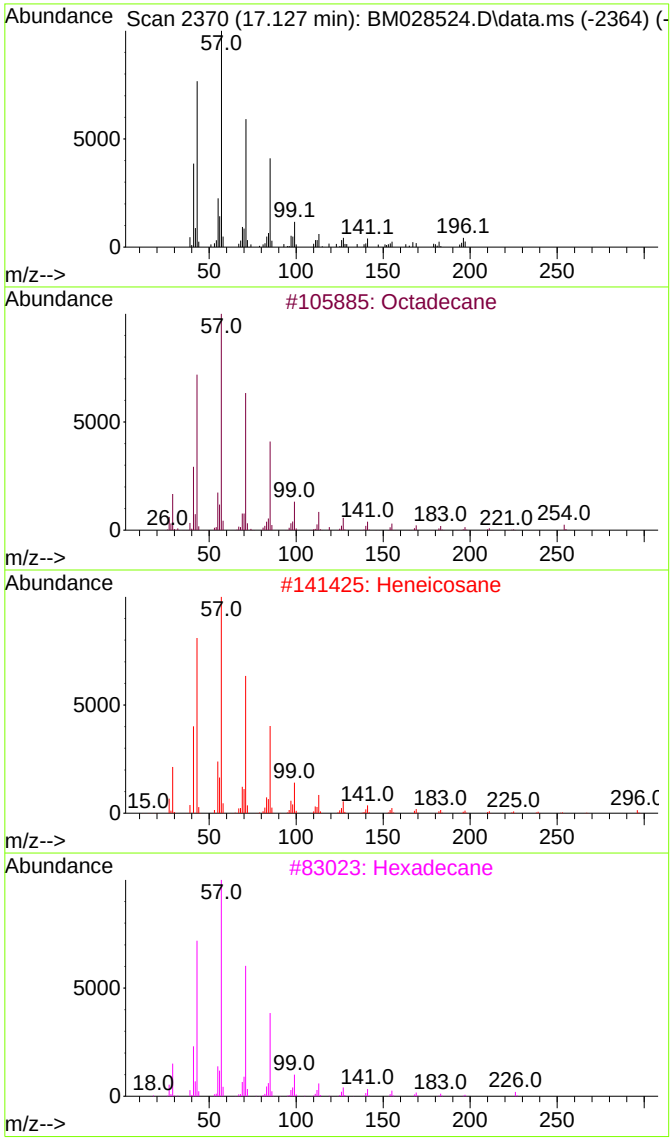
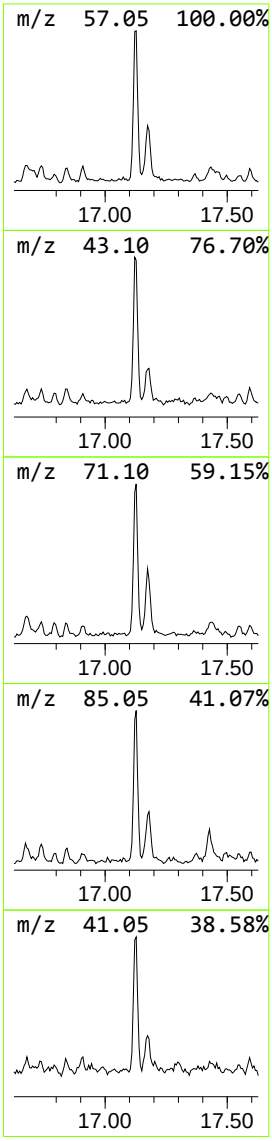
Peak Number 6 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.127	3.62 ng	86688	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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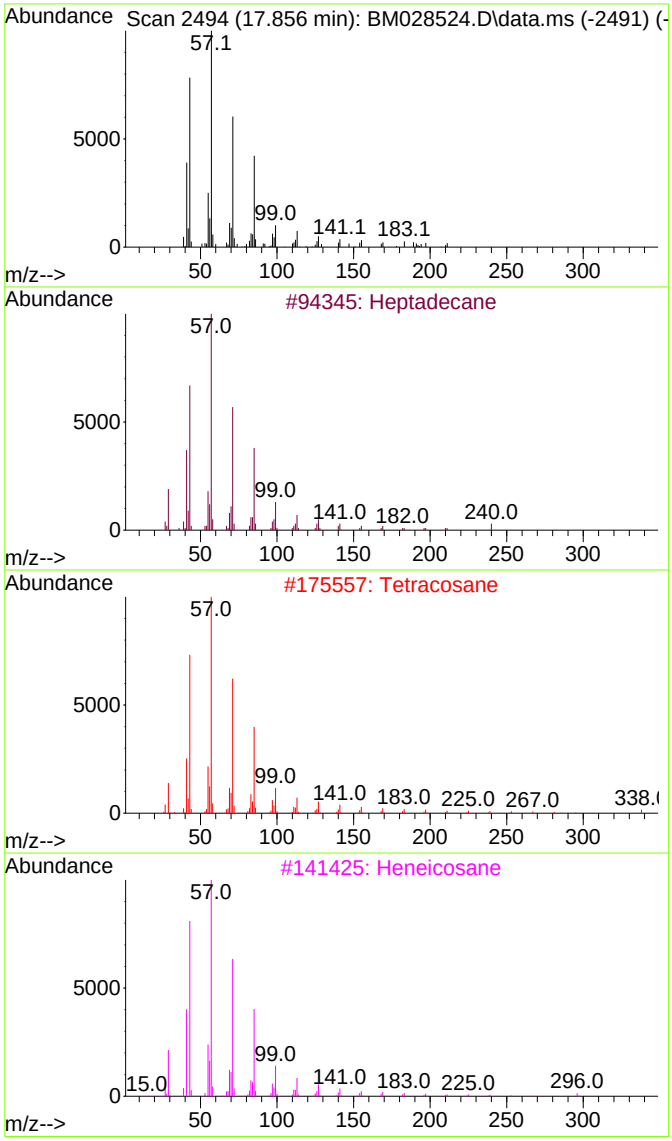
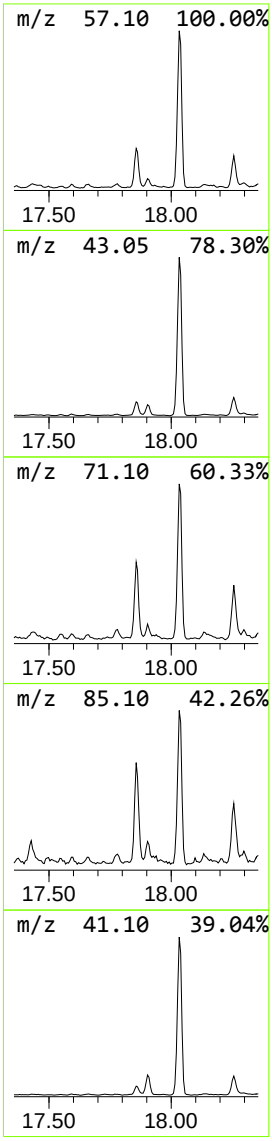
Peak Number 7 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.856	3.21 ng	76782	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane	254	C18H38	000593-45-3	91





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Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

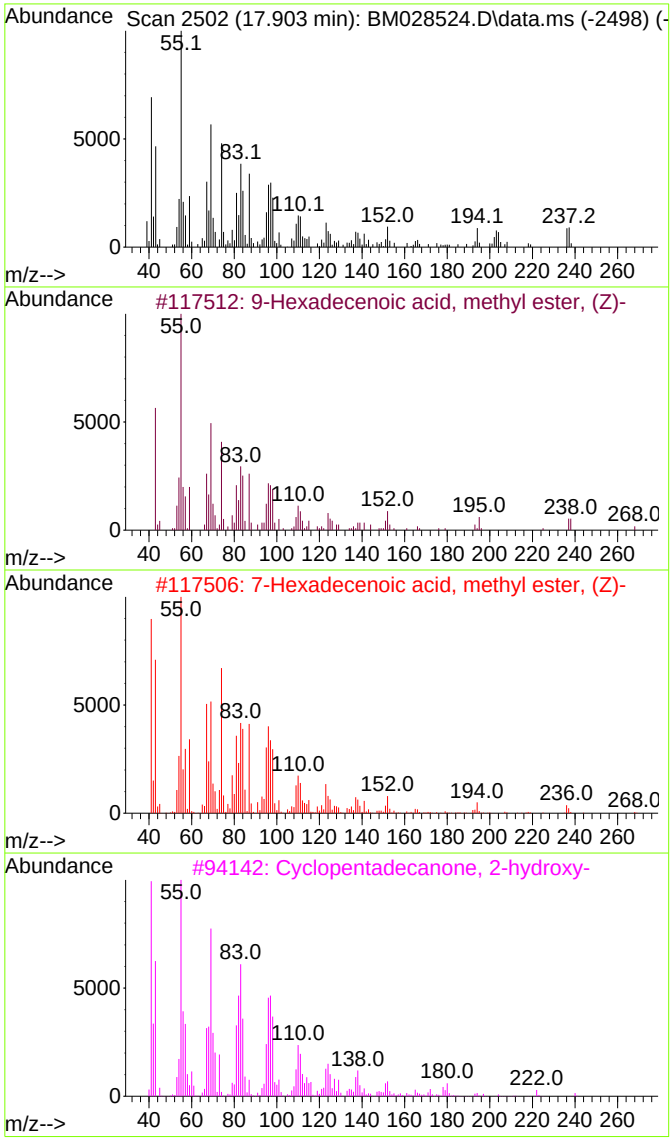
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

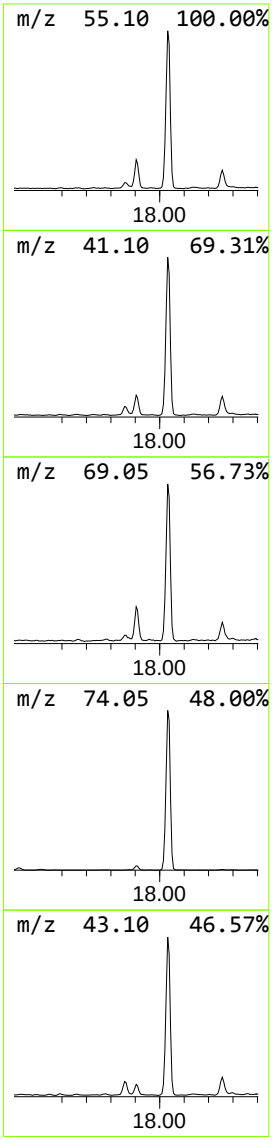
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Hexadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.903	8.15 ng	195277	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	68
3	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	49
4	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	46
5	Palmitoleic acid	254	C16H30O2	000373-49-9	46





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Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

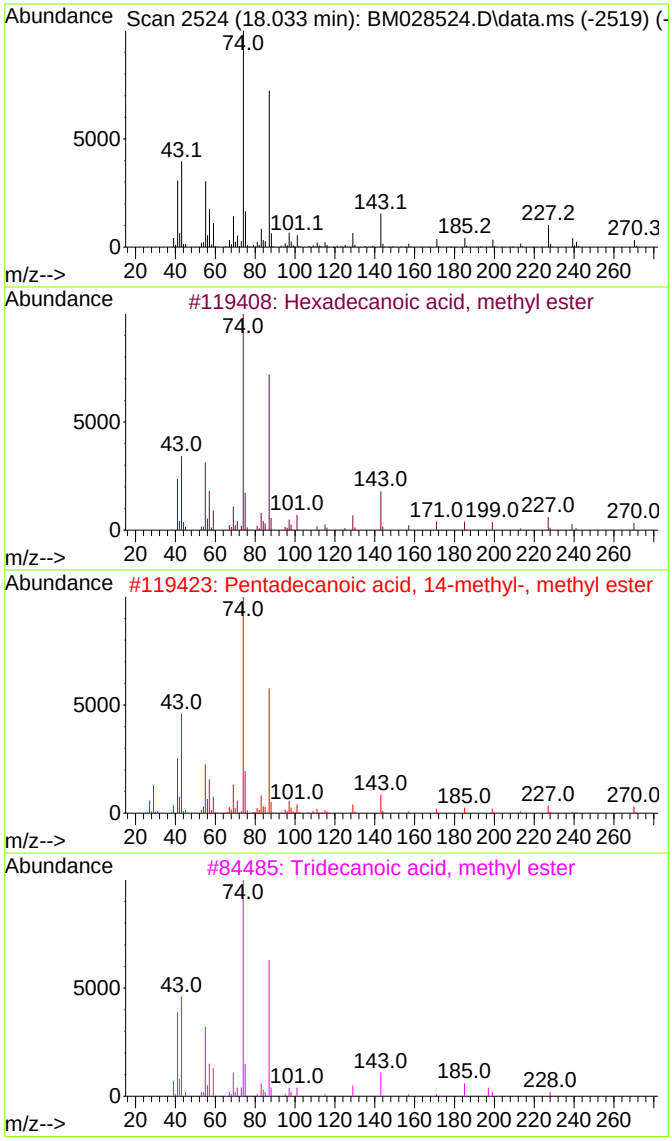
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

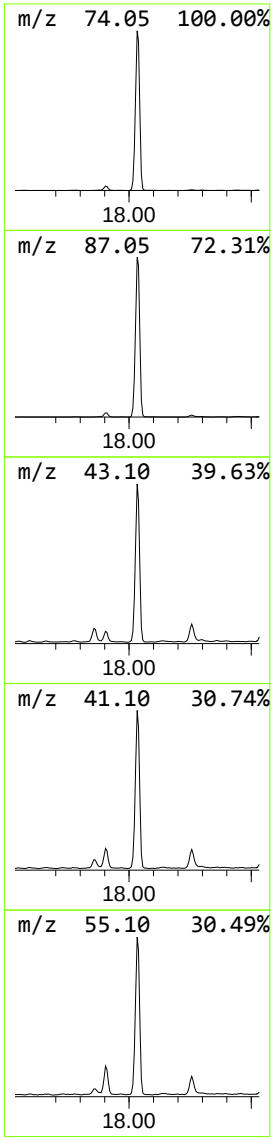
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	69.55 ng	1666170	Phenanthrene-d10	17.386

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	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

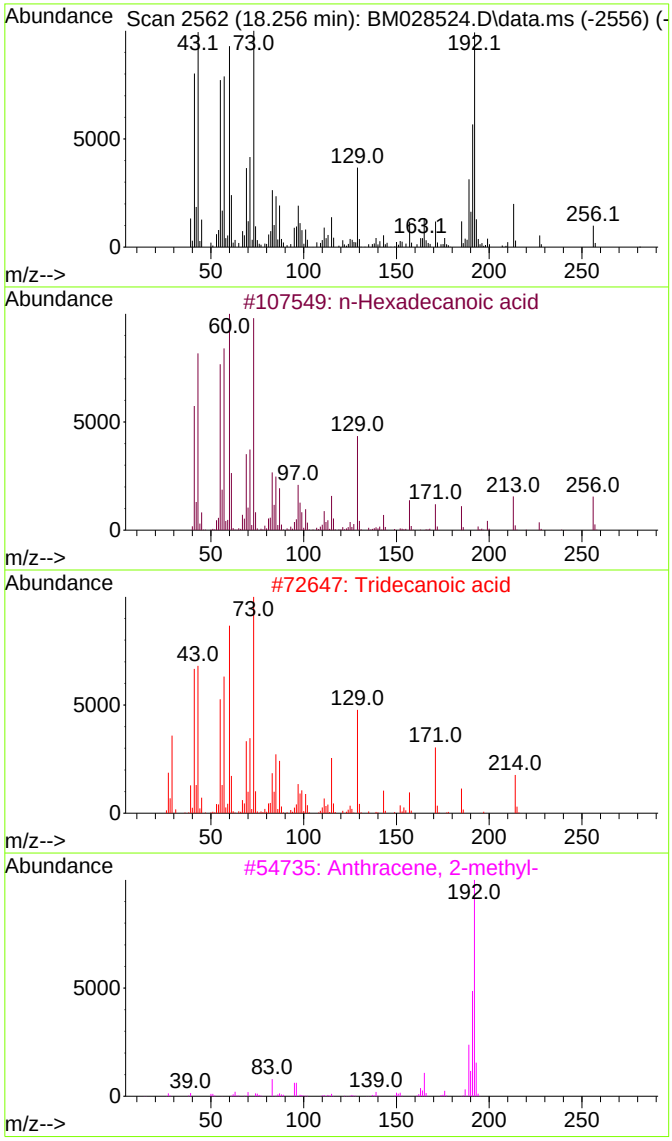
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

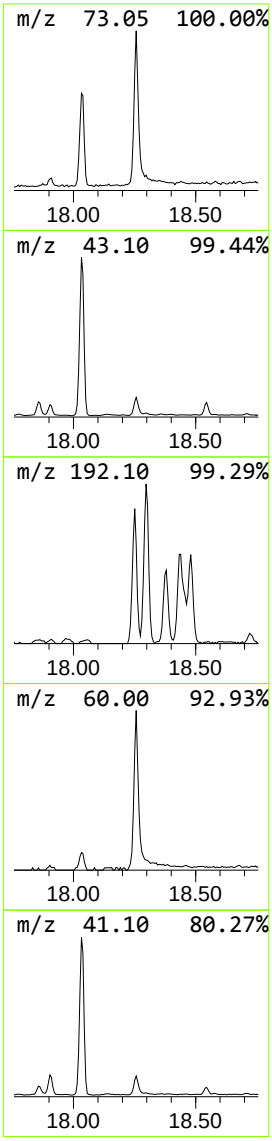
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	10.57 ng	253179	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	51





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Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

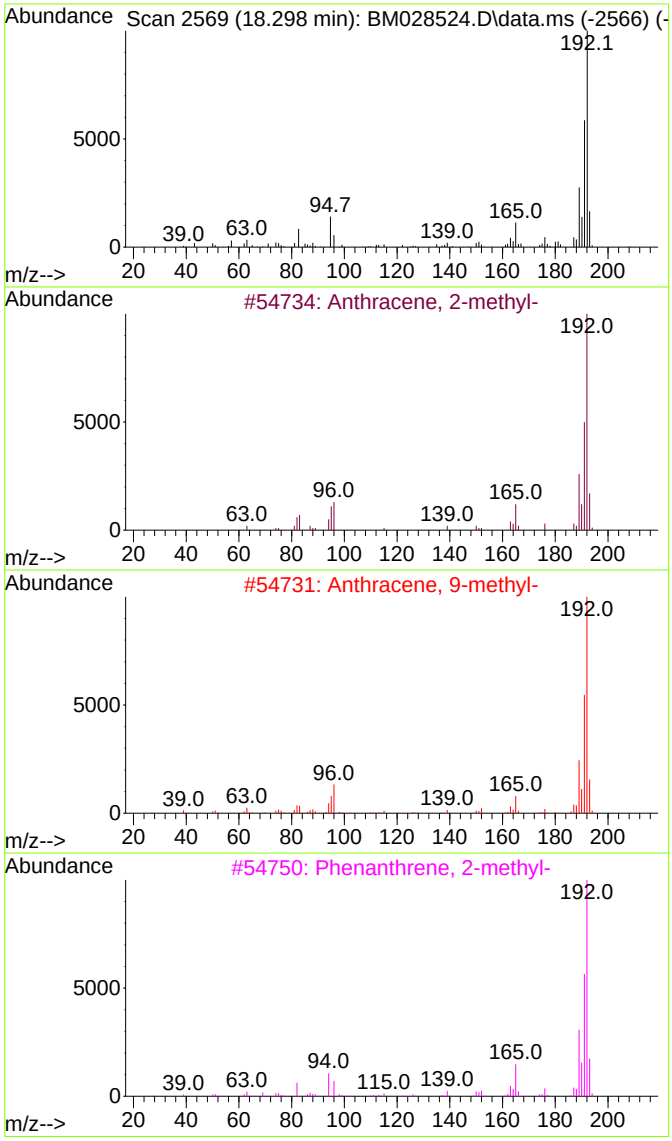
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

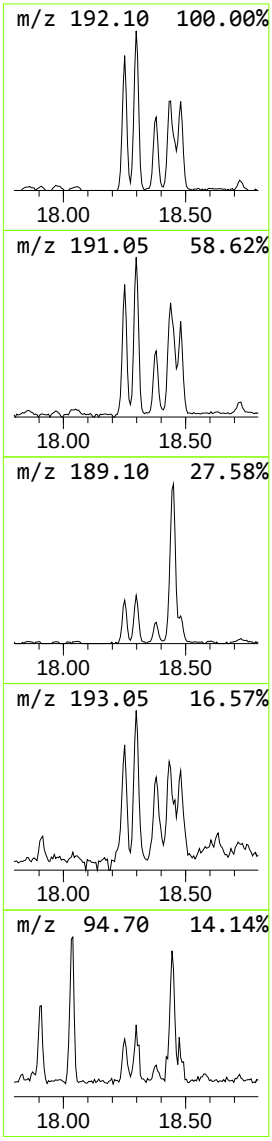
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.297	4.31 ng	103245	Phenanthrene-d10	17.386

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





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Misc :
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Instrument : BNA_M
ClientSampleId : OR-02-012121

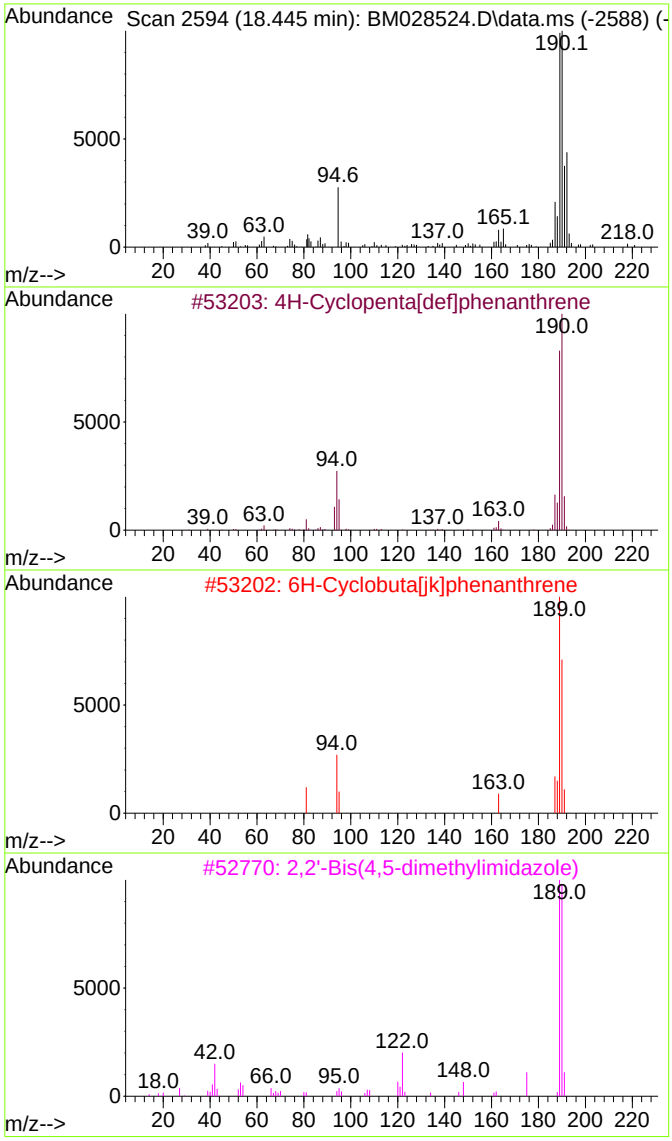
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

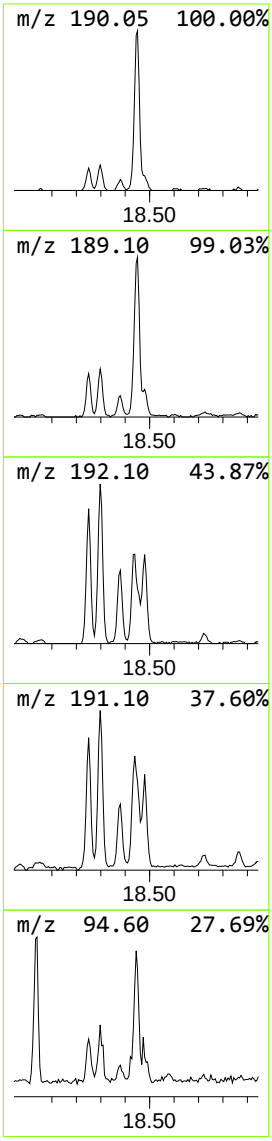
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	6.40 ng	153208	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	22





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Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

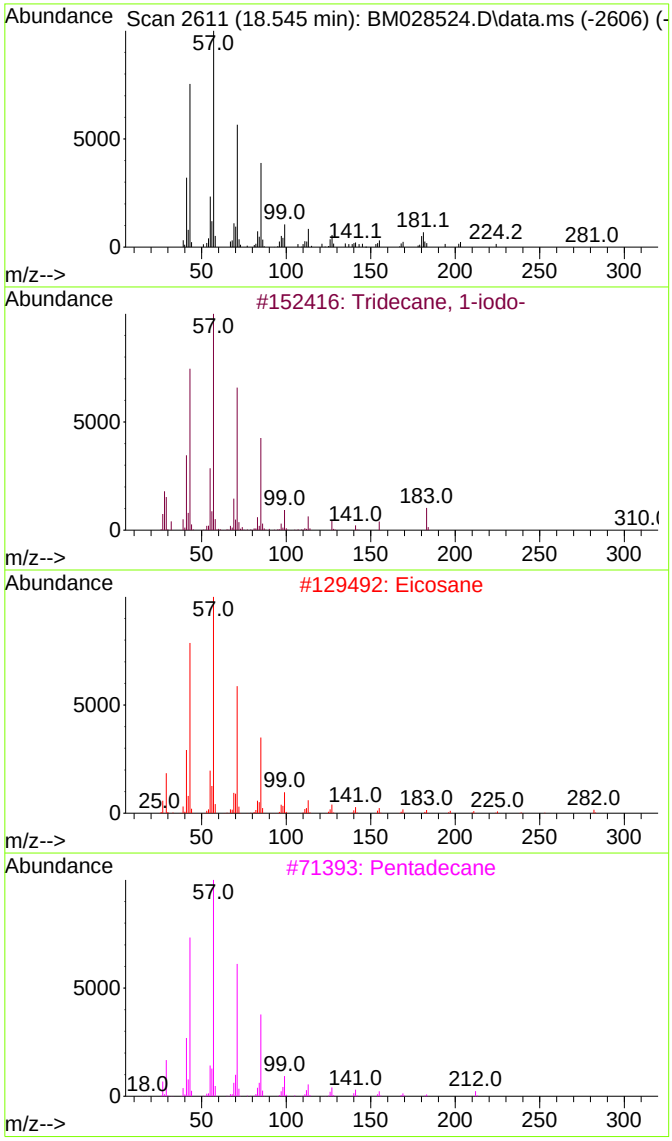
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

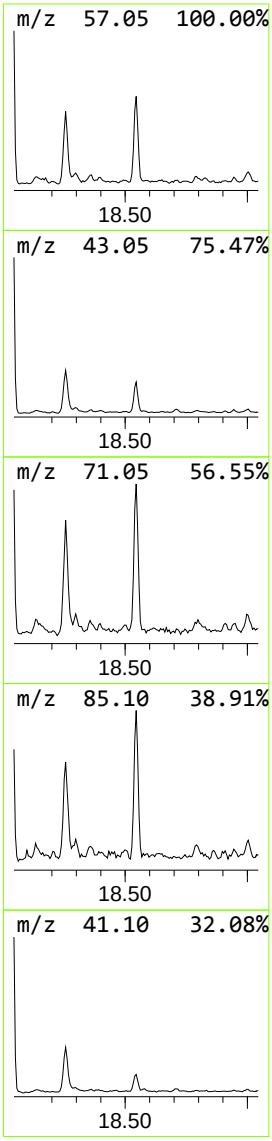
****

Peak Number 13 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	3.20 ng	76638	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
2	Eicosane	282	C20H42	000112-95-8	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

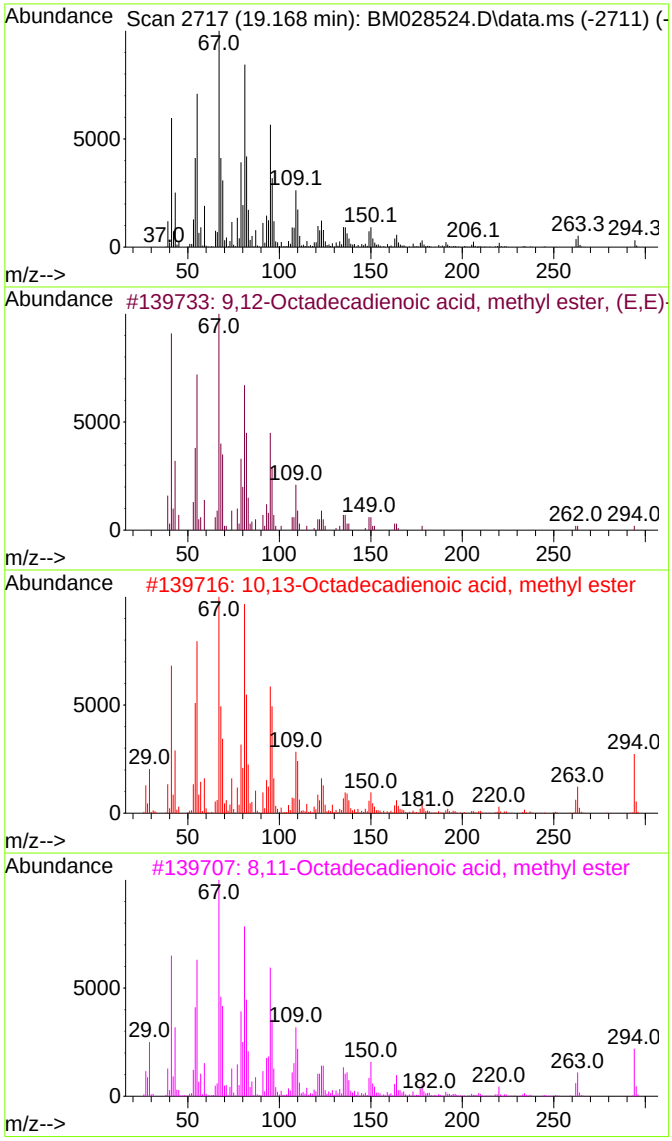
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

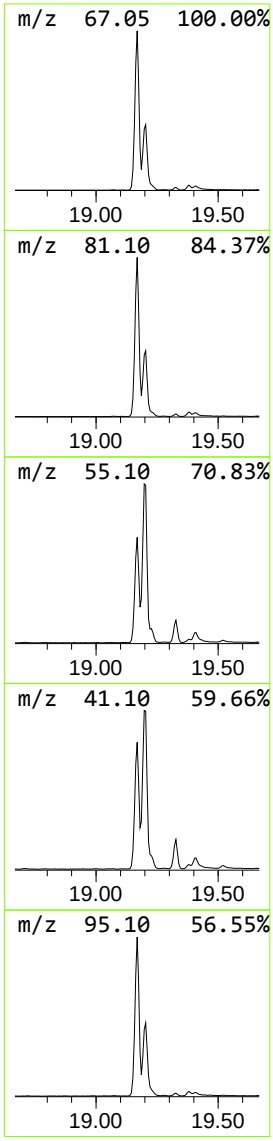
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	142.79 ng	3420620	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

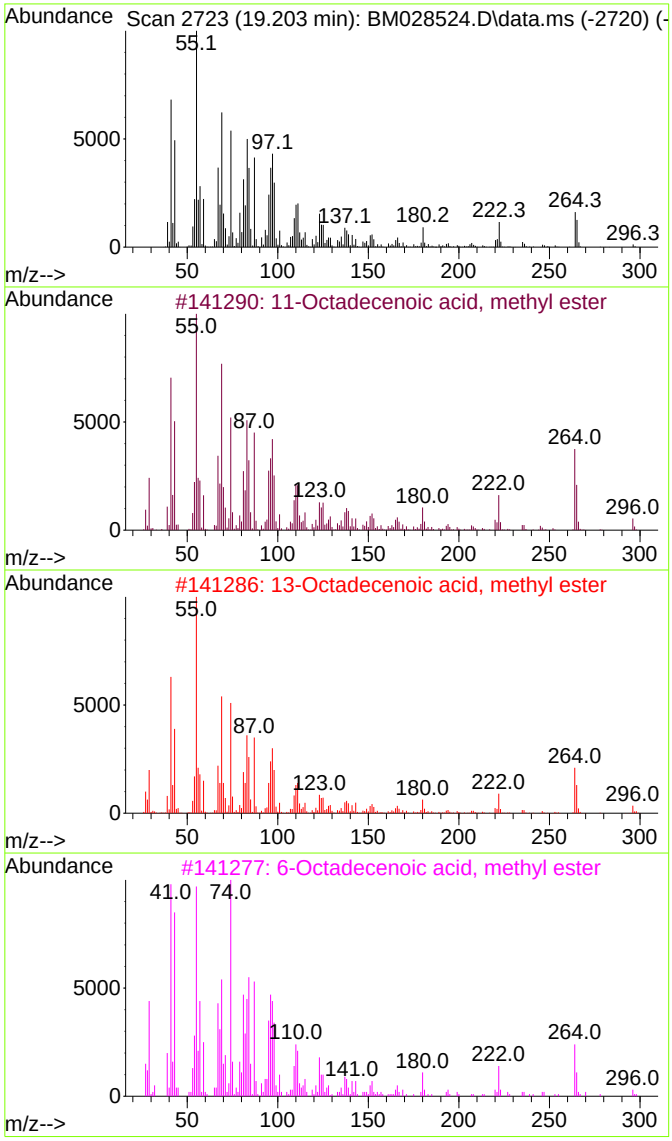
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

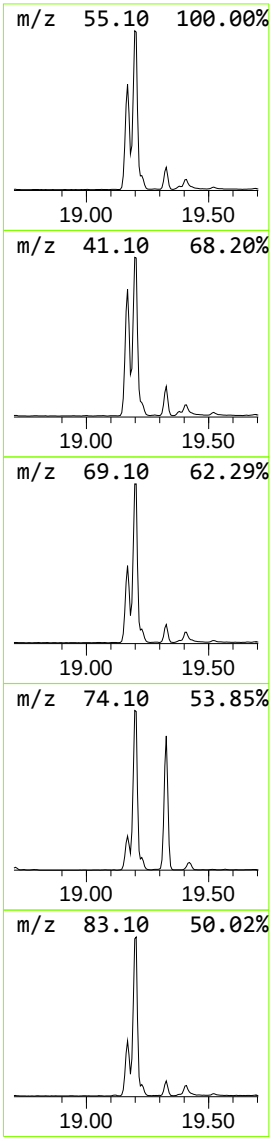
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	162.60 ng	3895150	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Misc :
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ClientSampleId : OR-02-012121

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

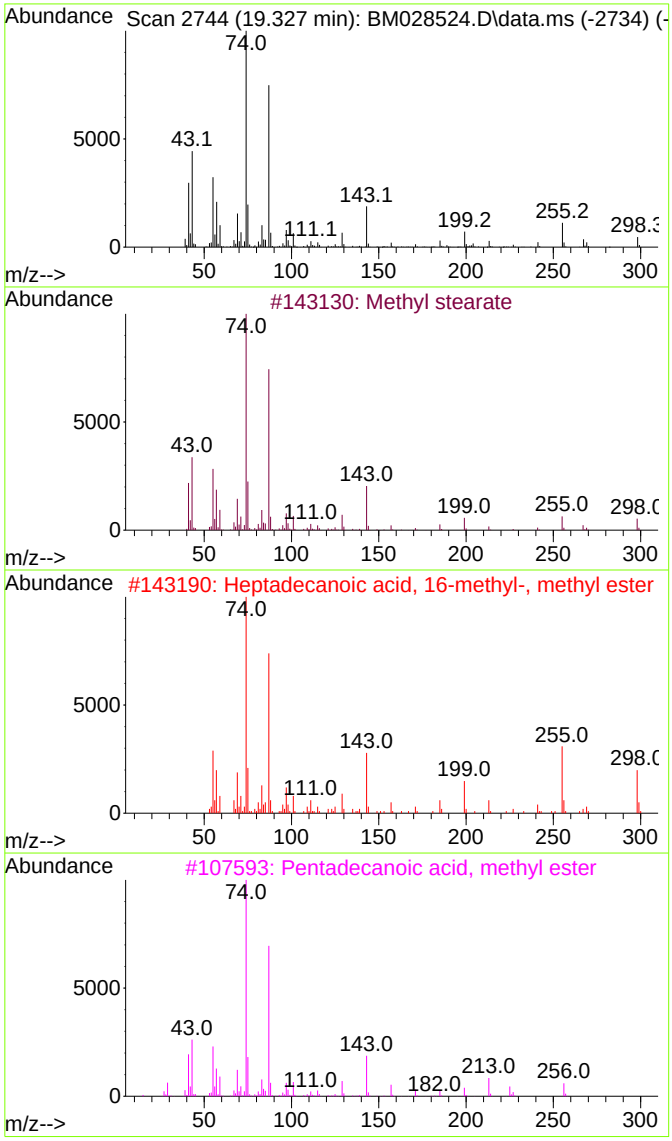
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

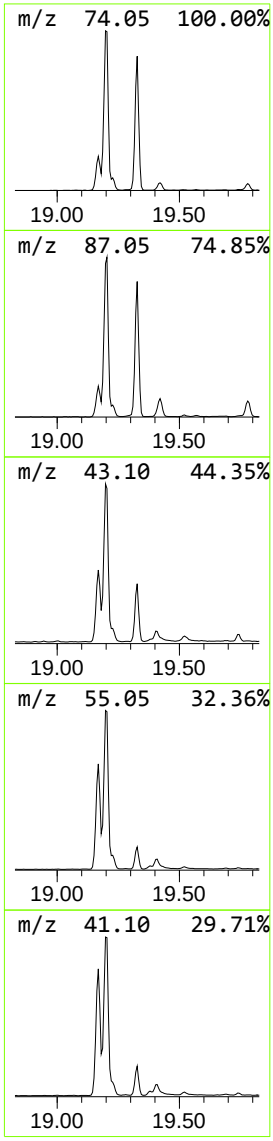
****

Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	28.77 ng	689251	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





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Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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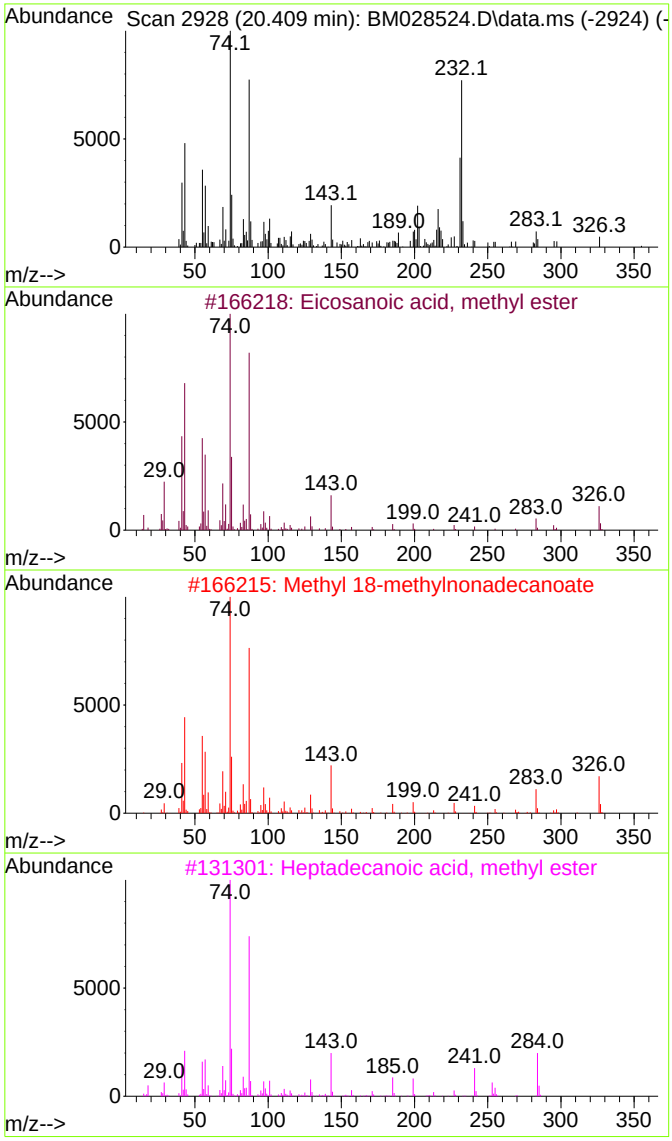
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

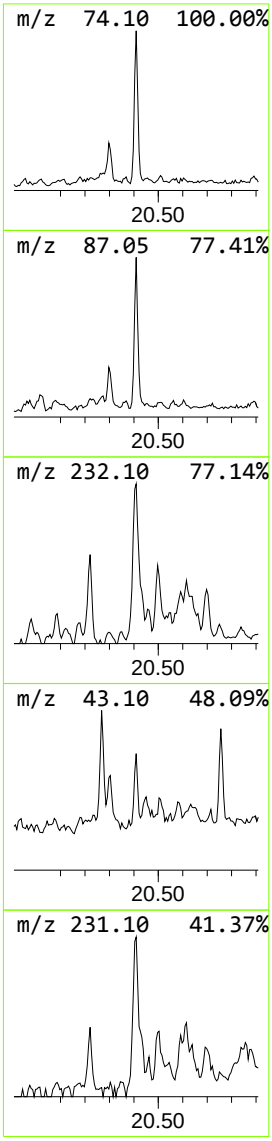
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.409	2.87 ng	149279	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	89
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	89
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	64
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	64
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	45





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Misc :
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Instrument : BNA_M
ClientSampleId : OR-02-012121

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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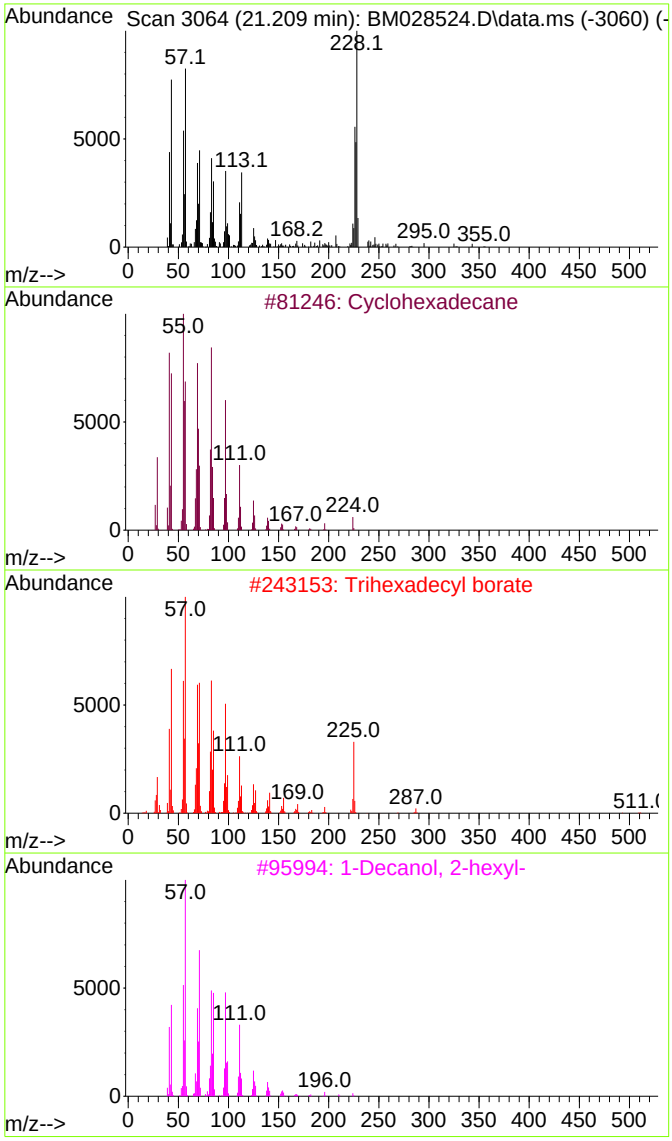
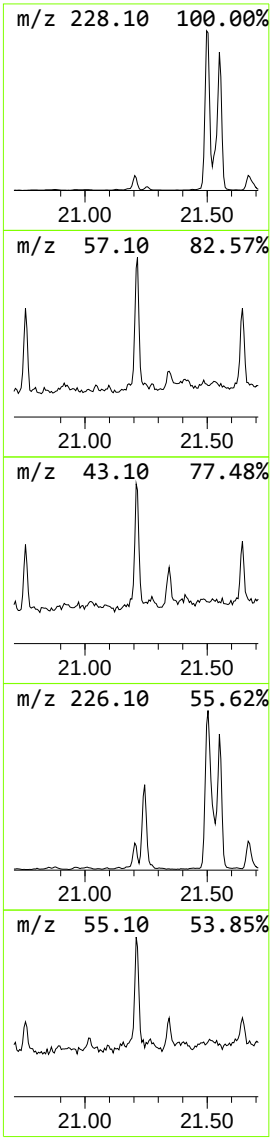
Peak Number 18 Cyclohexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.209	2.42 ng	126212	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	60
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	46
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	42
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	38





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Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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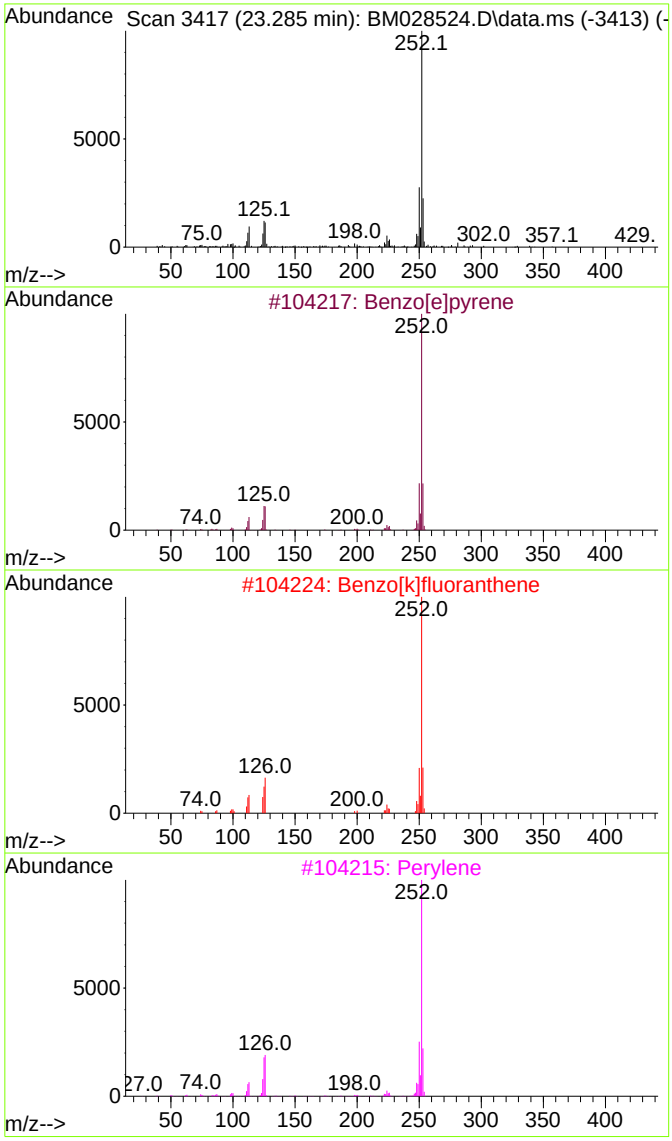
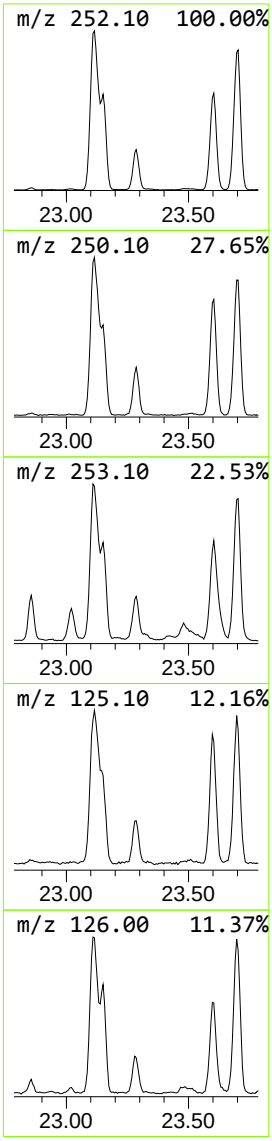
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.285	7.92 ng	155623	Perylene-d12	23.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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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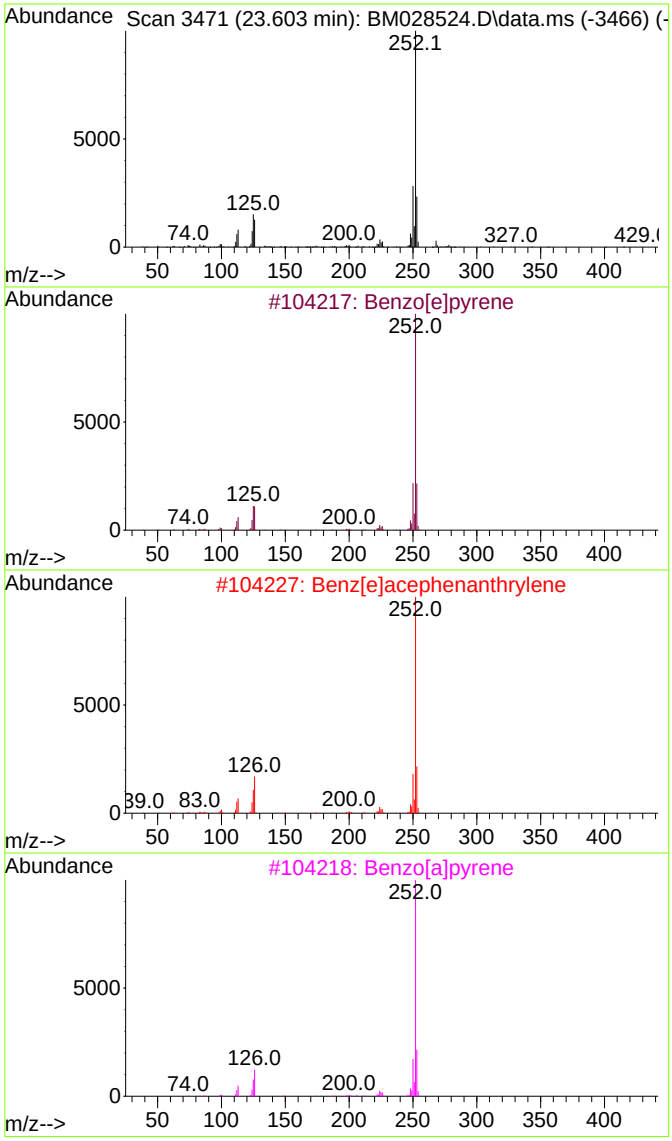
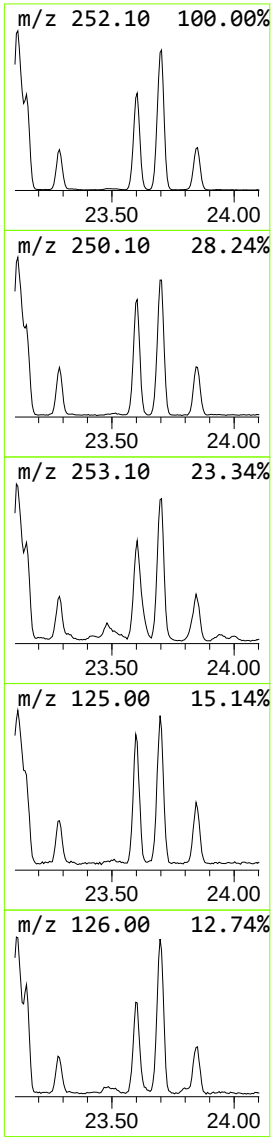
Peak Number 20 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.603	16.73 ng	328507	Perylene-d12	23.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028524.D
Acq On : 22 Jan 2021 18:41
Operator : CG/JU
Sample : M1193-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-012121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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
Undecane, 2,3-d...	12.227	3.4	ng	61278	2	10.827	361523	20.0
Tetradecane	13.468	4.2	ng	95580	3	14.657	451933	20.0
Pentadecane	14.533	3.9	ng	87751	3	14.657	451933	20.0
Hexadecane	15.480	3.6	ng	81887	3	14.657	451933	20.0
Eicosane	16.339	4.4	ng	105593	4	17.386	479116	20.0
Octadecane	17.127	3.6	ng	86688	4	17.386	479116	20.0
Heptadecane	17.856	3.2	ng	76782	4	17.386	479116	20.0
9-Hexadecenoic ...	17.903	8.2	ng	195277	4	17.386	479116	20.0
Hexadecanoic ac...	18.033	69.5	ng	1666170	4	17.386	479116	20.0
n-Hexadecanoic ...	18.256	10.6	ng	253179	4	17.386	479116	20.0
Anthracene, 2-m...	18.297	4.3	ng	103245	4	17.386	479116	20.0
4H-Cyclopenta[d...	18.445	6.4	ng	153208	4	17.386	479116	20.0
Tridecane, 1-iodo-	18.545	3.2	ng	76638	4	17.386	479116	20.0
9,12-Octadecadi...	19.168	142.8	ng	3420620	4	17.386	479116	20.0
11-Octadecenoic...	19.203	162.6	ng	3895150	4	17.386	479116	20.0
Methyl stearate	19.327	28.8	ng	689251	4	17.386	479116	20.0
Eicosanoic acid...	20.409	2.9	ng	149279	5	21.515	1041080	20.0
Cyclohexadecane	21.209	2.4	ng	126212	5	21.515	1041080	20.0
Benzo[e]pyrene	23.285	7.9	ng	155623	6	23.797	392820	20.0
Perylene	23.603	16.7	ng	328507	6	23.797	392820	20.0