LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028887.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	397	403	415	rBB	291660	423762	3.85%	0.669%
2	6.993	674	681	693	rVB	280251	438801	3.99%	0.693%
3	8.981	1012	1019	1023	rBV	177167	291019	2.64%	0.460%
4	10.563	1282	1288	1292	rBV	121954	198641	1.80%	0.314%
5	10.604	1292	1295	1300	rVV	91928	143846	1.31%	0.227%
6	12.016	1527	1535	1541	rBV	177507	282313	2.56%	0.446%
7	13.080	1711	1716	1723	rBV	350907	501118	4.55%	0.791%
8	13.275	1741	1749	1756	rBV	212036	337045	3.06%	0.532%
9	13.927	1853	1860	1864	rVB3	70369	130004	1.18%	0.205%
10	14.351	1927	1932	1937	rBV	253213	322061	2.92%	0.509%
11	14.463	1940	1951	1957	rBV3	123082	254743	2.31%	0.402%
12	14.527	1957	1962	1968	rBV	208060	313296	2.85%	0.495%
13	14.863	2014	2019	2024	rVB	144818	209942	1.91%	0.332%
14	15.304	2089	2094	2099	rVB	245502	300681	2.73%	0.475%
15	15.516	2123	2130	2141	rBV	270905	435704	3.96%	0.688%
16	15.957	2201	2205	2211	rVB	265303	397795	3.61%	0.628%
17	16.163	2236	2240	2256	rVB	220801	402900	3.66%	0.636%
18	16.363	2270	2274	2279	rBV	113160	132719	1.21%	0.210%
19	16.957	2368	2375	2379	rBV2	213400	285386	2.59%	0.451%
20	17.027	2384	2387	2395	rVB	113361	177142	1.61%	0.280%
21	17.210	2413	2418	2421	rBV	109089	175252	1.59%	0.277%
22	17.262	2421	2427	2432	rVV	1746600	2519639	22.88%	3.979%
23	17.345	2435	2441	2446	rVV	643754	886654	8.05%	1.400%
24	17.615	2480	2487	2492	rBV	128831	211136	1.92%	0.333%
25	17.692	2496	2500	2504	rVV	162178	225098	2.04%	0.355%
26	17.739	2504	2508	2513	rVB	502235	620428	5.63%	0.980%
27	17.886	2525	2533	2537	rBV	4103755	5735858	52.09%	9.058%
28	18.080	2561	2566	2568	rBV	137063	194914	1.77%	0.308%
29	18.115	2568	2572	2581	rVB2	294782	646730	5.87%	1.021%
30	18.209	2583	2588	2594	rVV	91861	143525	1.30%	0.227%
31	18.280	2594	2600	2603	rVV2	247568	397880	3.61%	0.628%
32	18.380	2612	2617	2621	rBV	165299	219419	1.99%	0.347%
33	18.580	2648	2651	2656	rVV	108645	138934	1.26%	0.219%
34	19.033	2717	2728	2731	rBV	5308295	11011029	100.00%	17.389%
35	19.074	2731	2735	2742	rVV2	6192449	10867900	98.70%	17.163%
36	19.180	2748	2753	2758	rVB	1964440	2257723	20.50%	3.565%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.280	2759	2770	2781	rBV	2604628	5186922	47.11%	8.191%
38	19.545	2812	2815	2819	rVB3	118186	137954	1.25%	0.218%
39	19.598	2819	2824	2826	rBV2	348029	517509	4.70%	0.817%
40	19.639	2826	2831	2838	rVB	1392703	2021840	18.36%	3.193%
41	19.827	2856	2863	2867	rBV2	433284	633245	5.75%	1.000%
42	19.962	2878	2886	2892	rVB3	75693	226876	2.06%	0.358%
43	20.033	2892	2898	2901	rBV2	95448	149874	1.36%	0.237%
44	20.086	2901	2907	2910	rVV3	112471	247007	2.24%	0.390%
45	20.121	2910	2913	2917	rVV	340717	499886	4.54%	0.789%
46	20.156	2917	2919	2926	rVB2	186954	235787	2.14%	0.372%
47	20.221	2926	2930	2933	rBV	227096	264664	2.40%	0.418%
48	20.268	2933	2938	2942	rBV3	236794	388232	3.53%	0.613%
49	20.309	2942	2945	2950	rVV2	131010	212282	1.93%	0.335%
50	20.374	2953	2956	2960	rVB	130625	153549	1.39%	0.242%
51	20.862	3036	3039	3051	rVB3	78334	200271	1.82%	0.316%
52	21.021	3062	3066	3069	rBV2	143139	188612	1.71%	0.298%
53	21.062	3069	3073	3077	rVV2	124147	231863	2.11%	0.366%
54	21.103	3077	3080	3084	rVB2	82620	130099	1.18%	0.205%
55	21.209	3094	3098	3101	rBV	108738	122926	1.12%	0.194%
56	21.362	3116	3124	3129	rBV3	956175	1709576	15.53%	2.700%
57	21.415	3129	3133	3141	rVB	823982	1094498	9.94%	1.728%
58	21.527	3146	3152	3158	rVB2	187024	280194	2.54%	0.442%
59	21.639	3168	3171	3175	rVB	102650	111271	1.01%	0.176%
60	21.686	3175	3179	3184	rVB2	97083	154751	1.41%	0.244%
61	21.933	3215	3221	3225	rVV2	157291	323777	2.94%	0.511%
62	22.074	3241	3245	3248	rBV3	108726	148329	1.35%	0.234%
63	22.392	3296	3299	3305	rBV3	77277	123994	1.13%	0.196%
64	22.603	3330	3335	3343	rVB	387315	640836	5.82%	1.012%
65	22.939	3386	3392	3396	rBV	536188	1164476	10.58%	1.839%
66	23.097	3415	3419	3424	rVB	129954	198232	1.80%	0.313%
67	23.409	3466	3472	3481	rVB	300561	643822	5.85%	1.017%
68	23.503	3482	3488	3496	rVV	535466	962624	8.74%	1.520%
69	23.591	3499	3503	3507	rVV2	94926	188441	1.71%	0.298%
70	23.644	3508	3512	3519	rVB	169421	314371	2.86%	0.496%
71	25.838	3876	3885	3893	rVB	263805	723563	6.57%	1.143%
72	26.527	3995	4002	4016	rVB	181221	558327	5.07%	0.882%

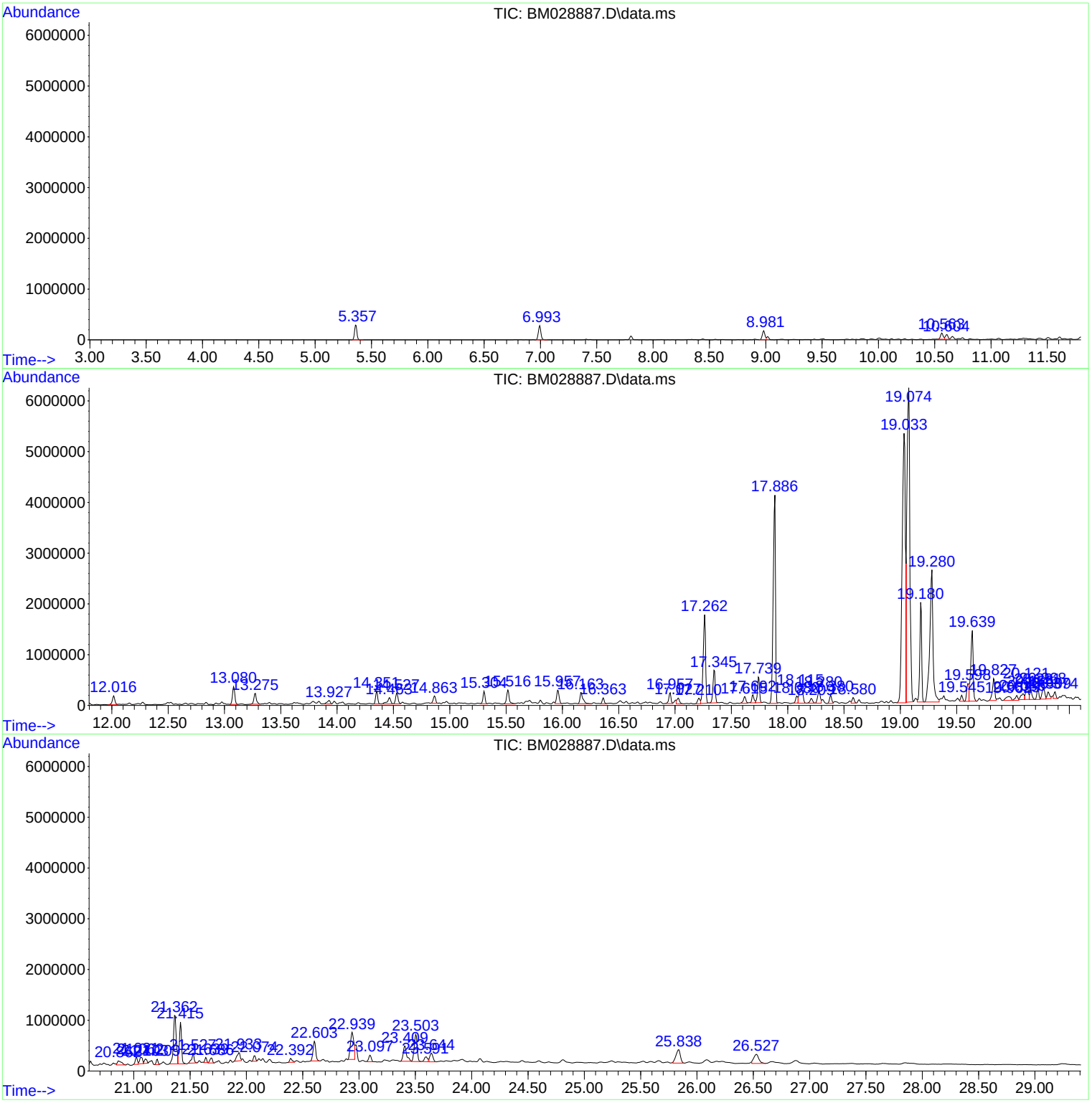
Sum of corrected areas: 63321517

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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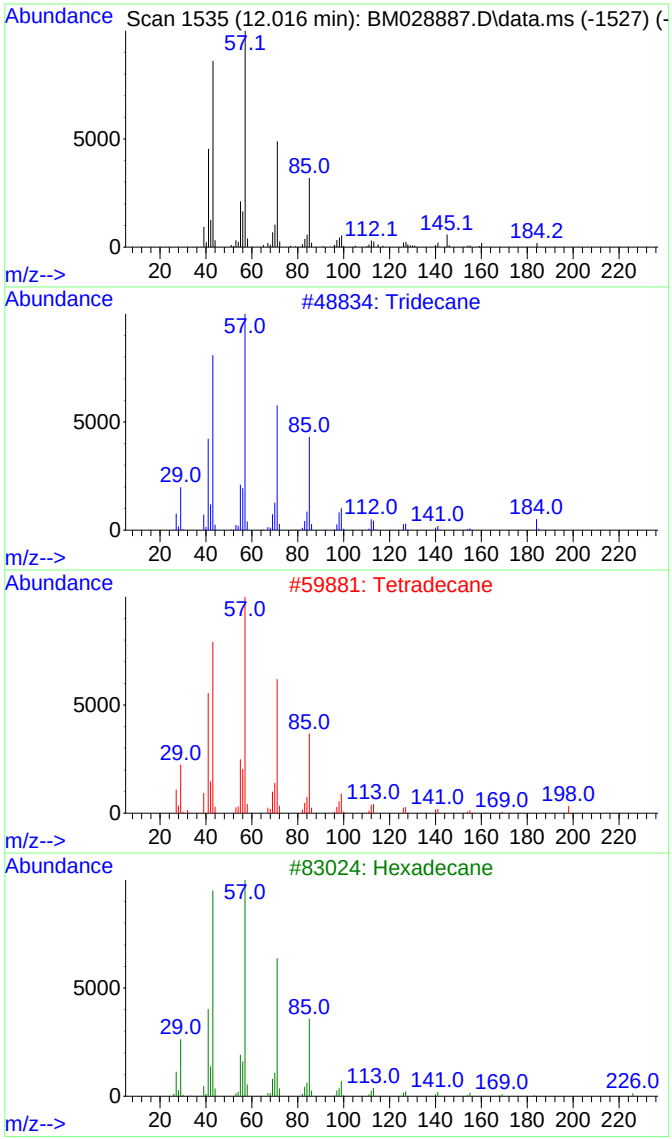
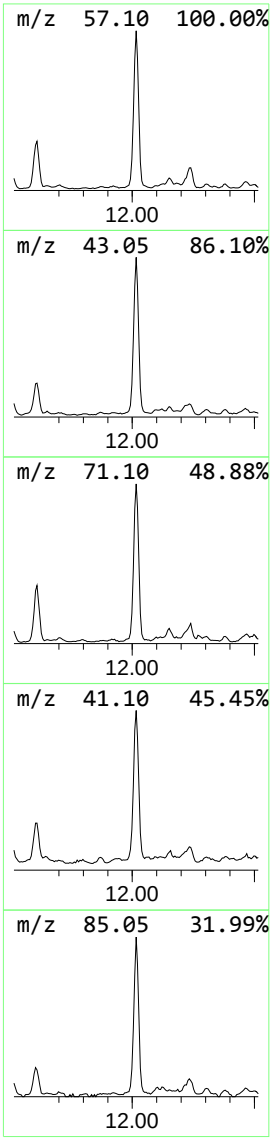
Peak Number 1 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	39.25 ng	282313	Naphthalene-d8	10.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Undecane	156	C11H24	001120-21-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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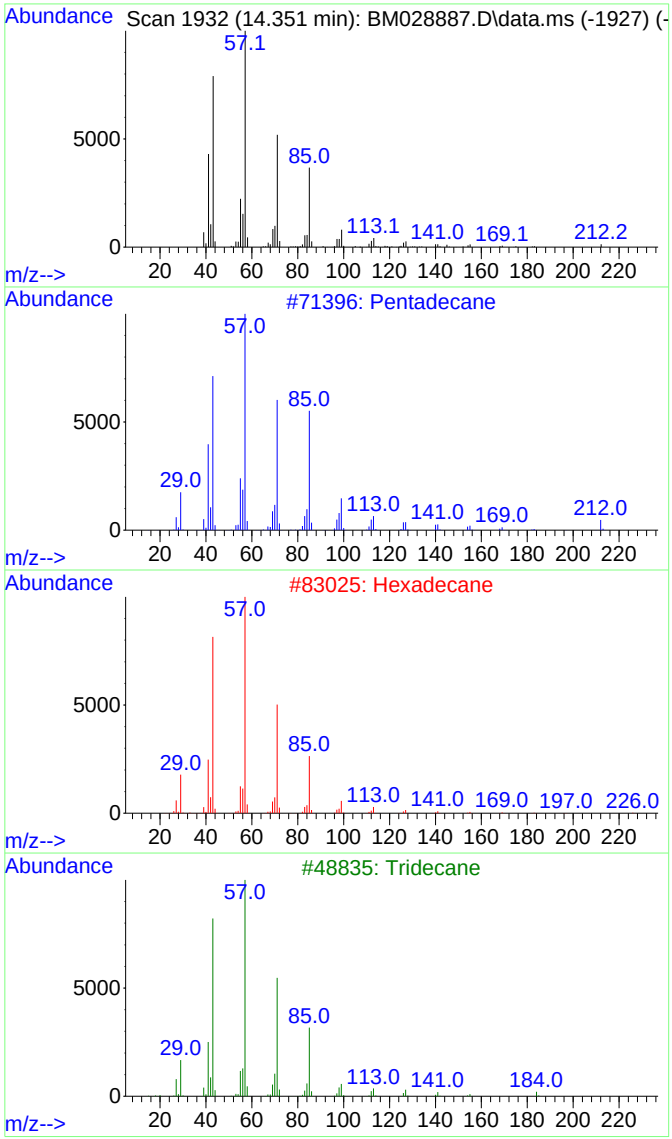
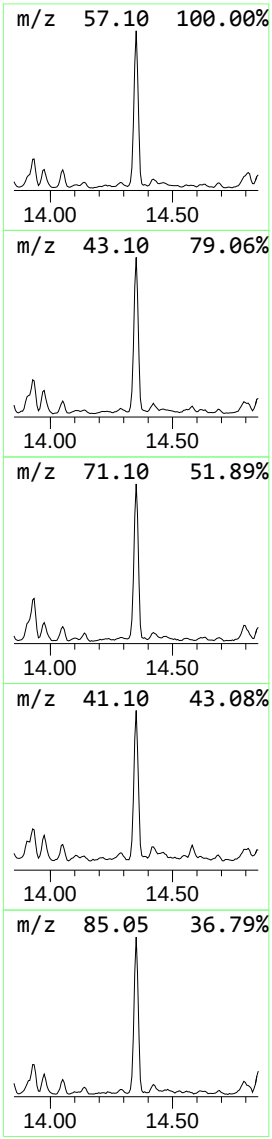
Peak Number 2 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	25.29 ng	322061	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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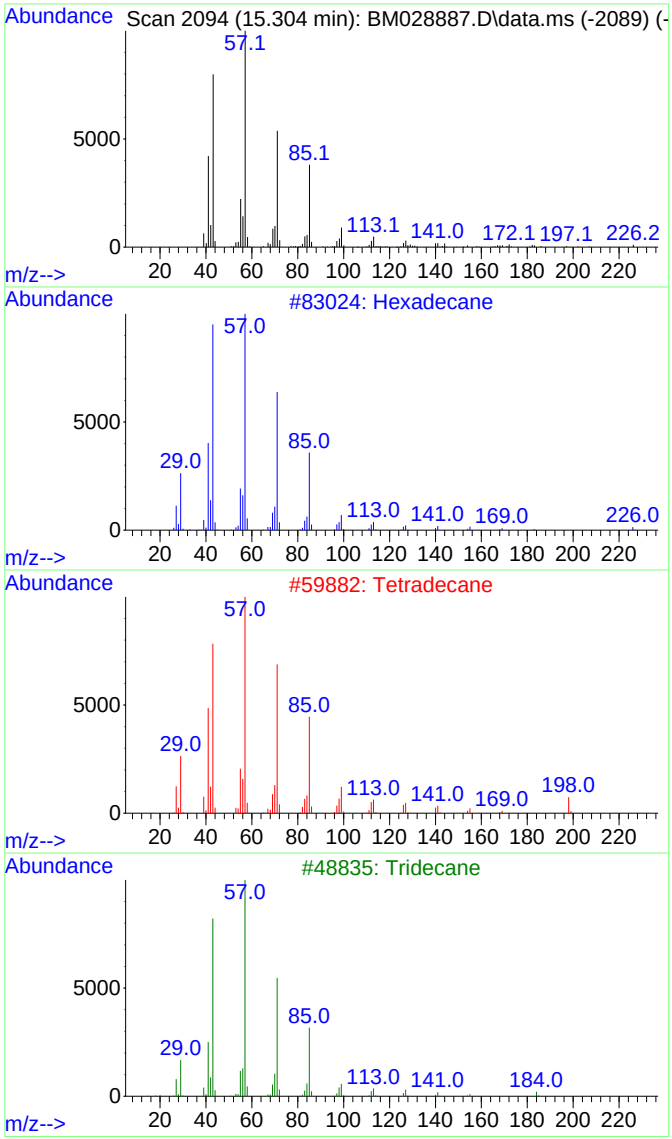
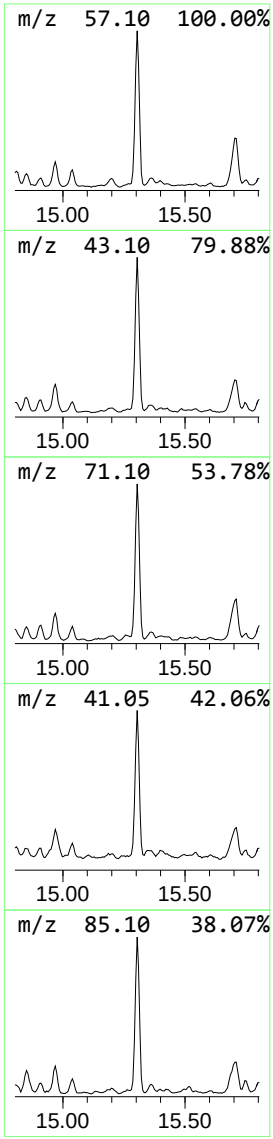
Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	23.61 ng	300681	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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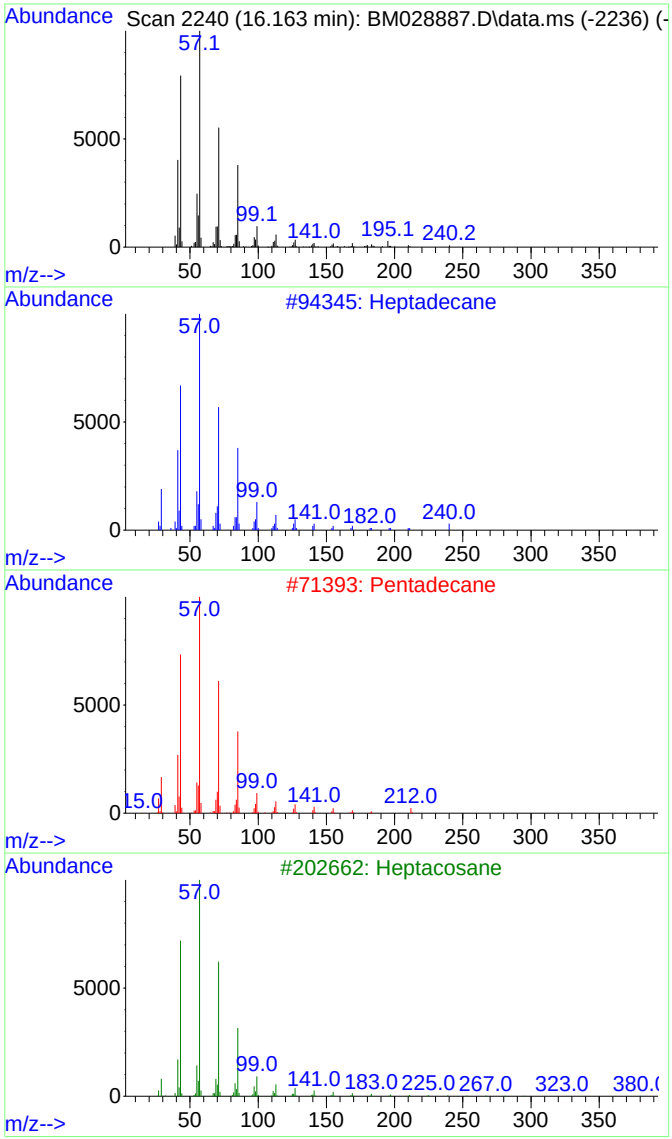
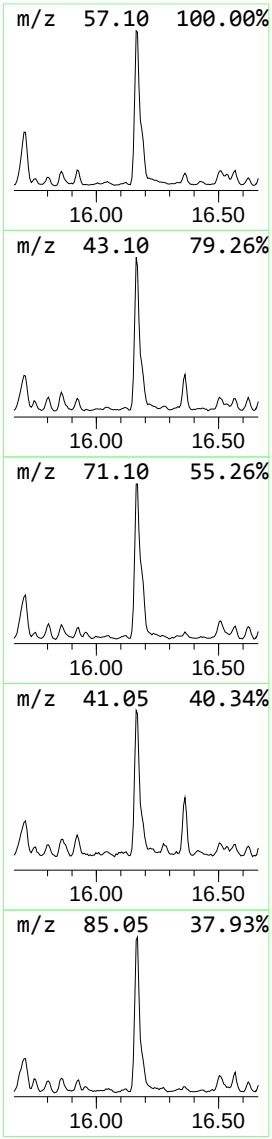
Peak Number 4 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	45.98 ng	402900	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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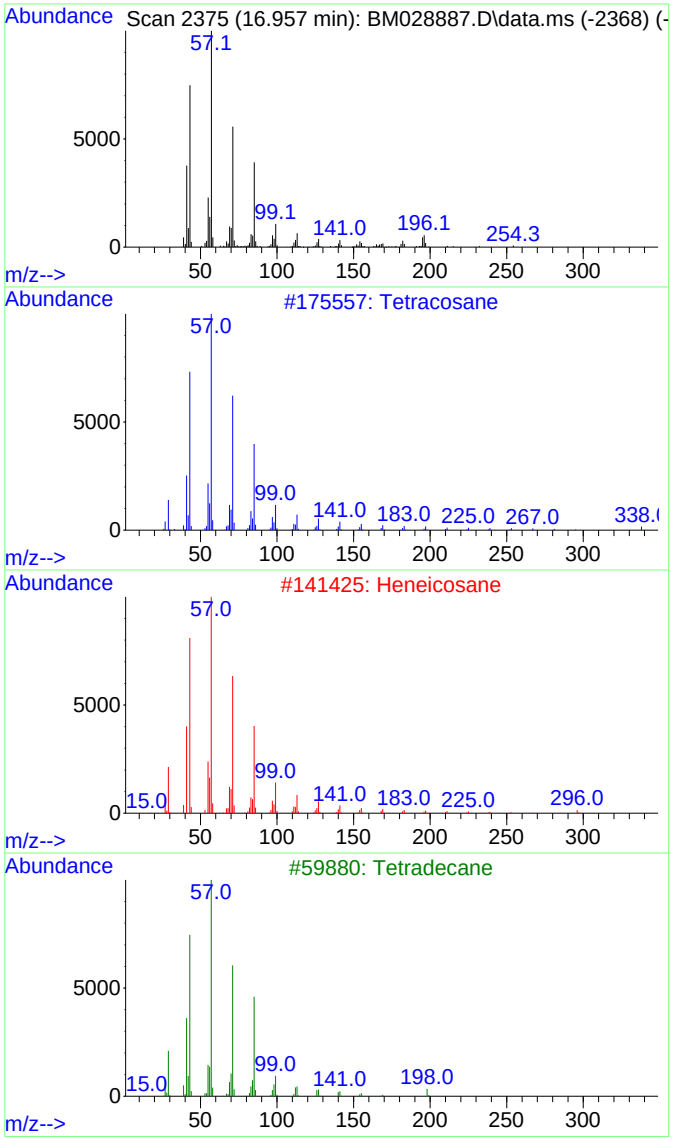
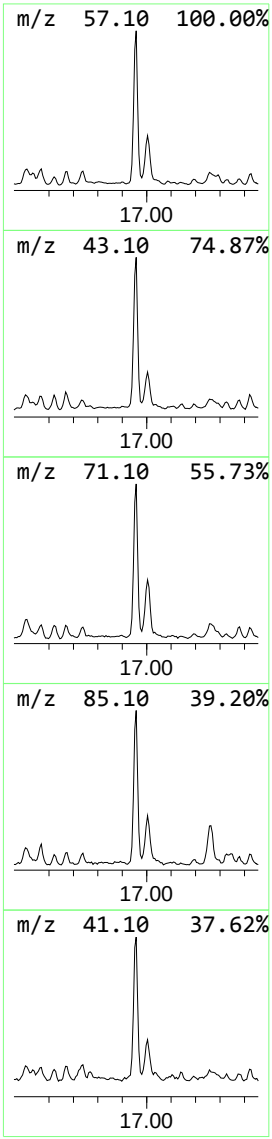
Peak Number 5 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	32.57 ng	285386	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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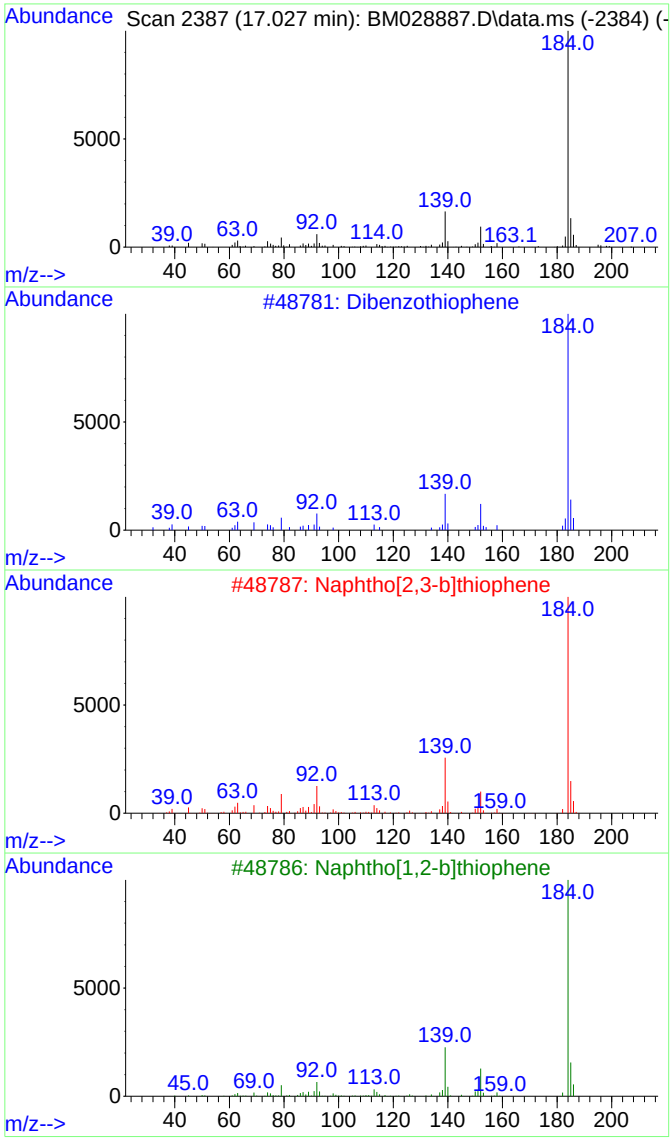
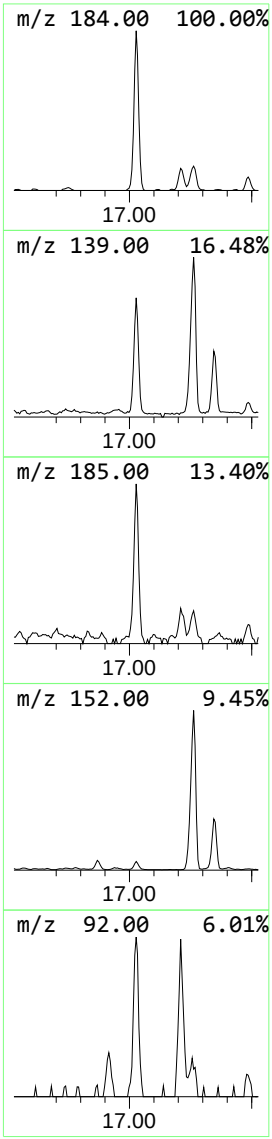
Peak Number 6 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	20.22 ng	177142	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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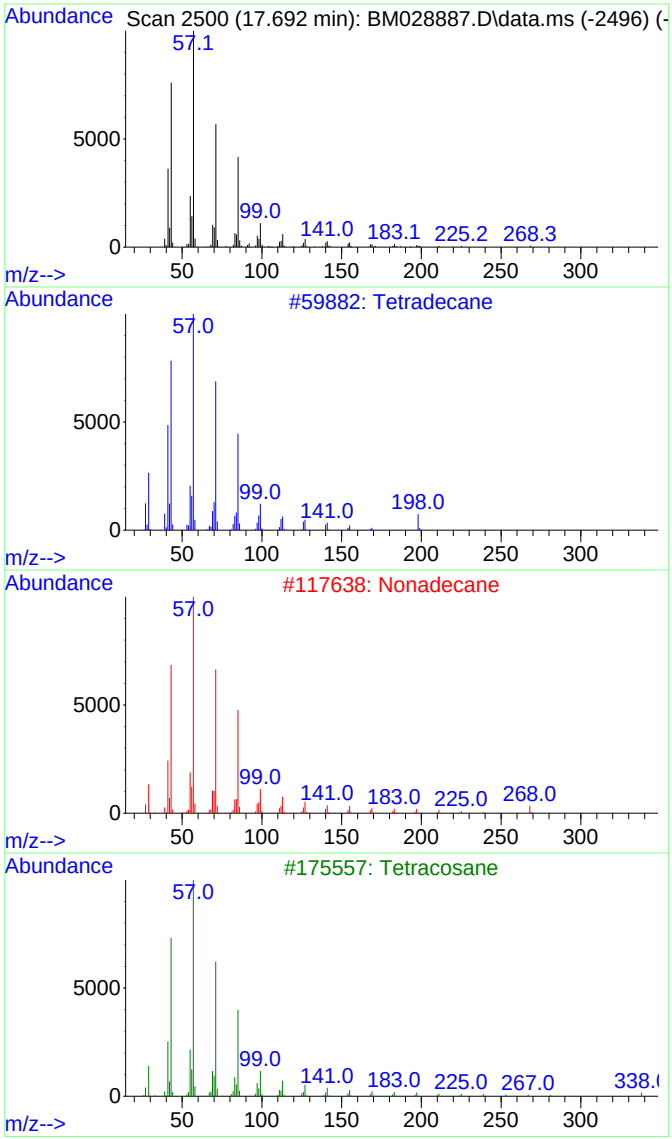
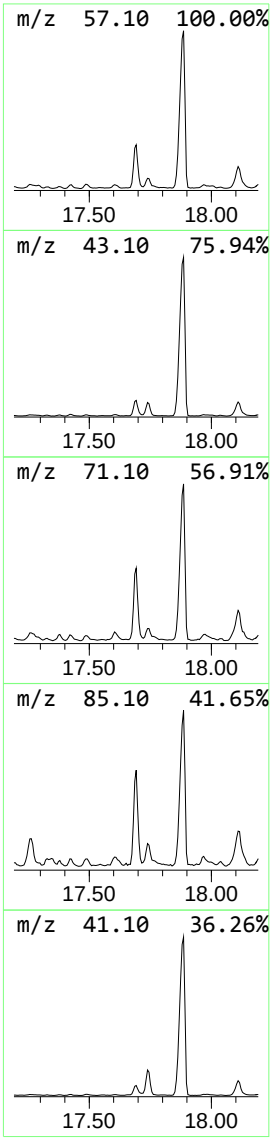
Peak Number 7 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	25.69 ng	225098	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Heptadecane	240	C17H36	000629-78-7	90





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Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

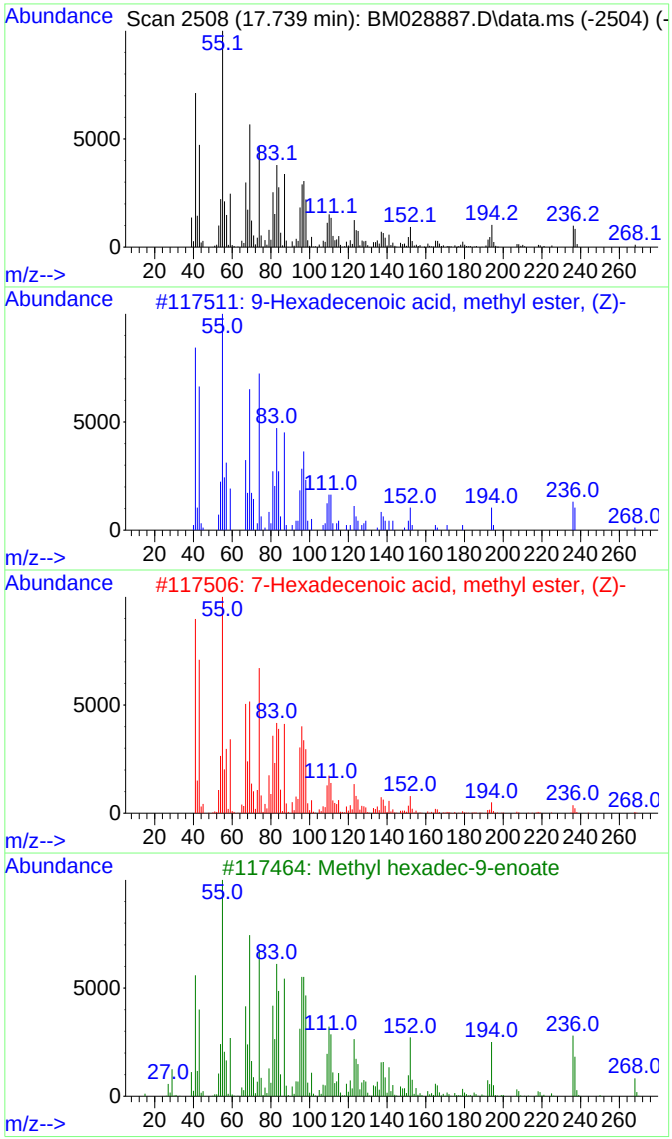
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

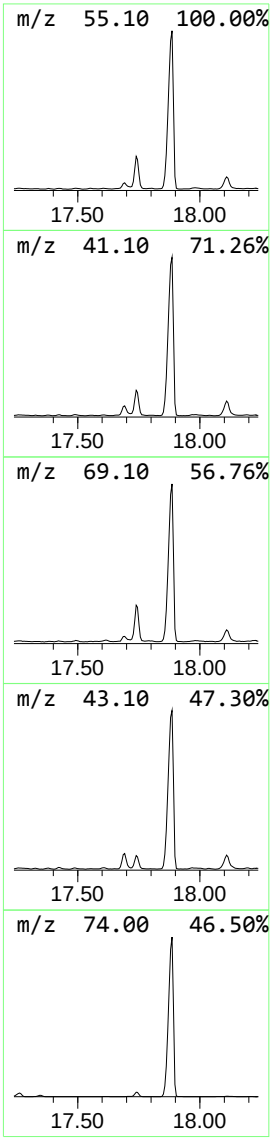
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9-Hexadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	70.80 ng	620428	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	90
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
5	Methyl 11-hexadecenoate	268	C17H32O2	1000336-35-5	78





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Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

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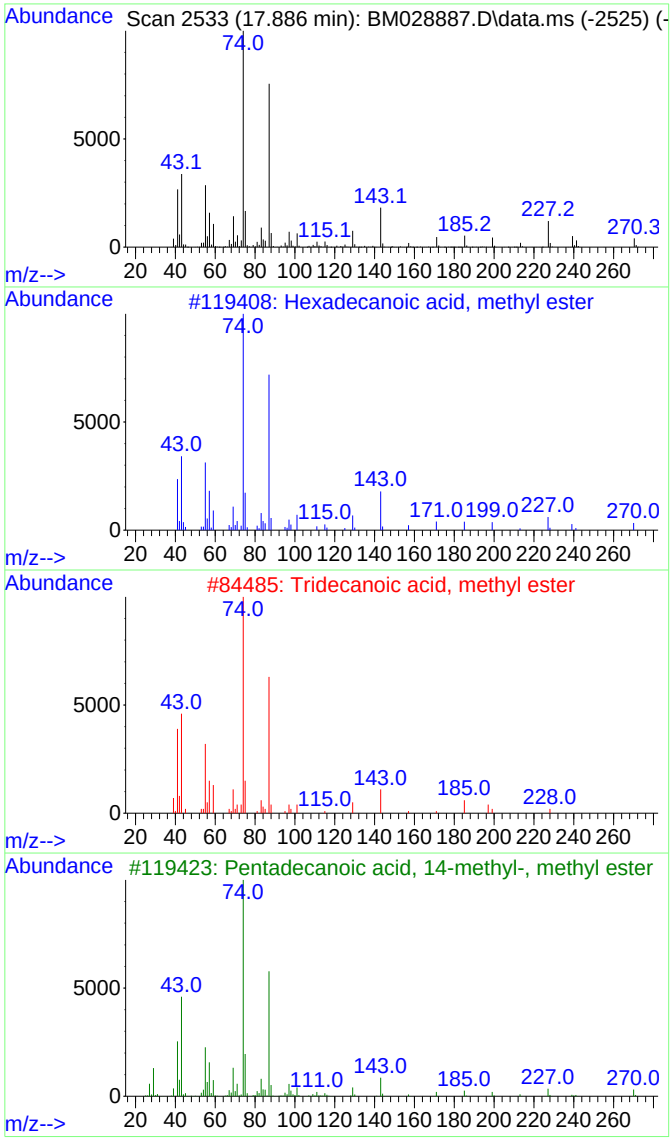
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

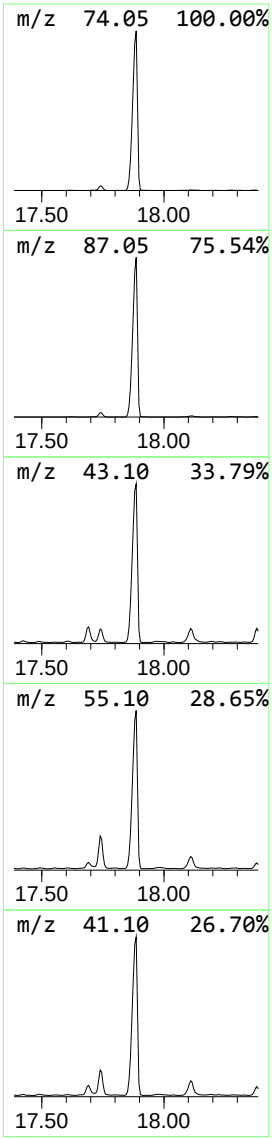
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	654.58 ng	5735860	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

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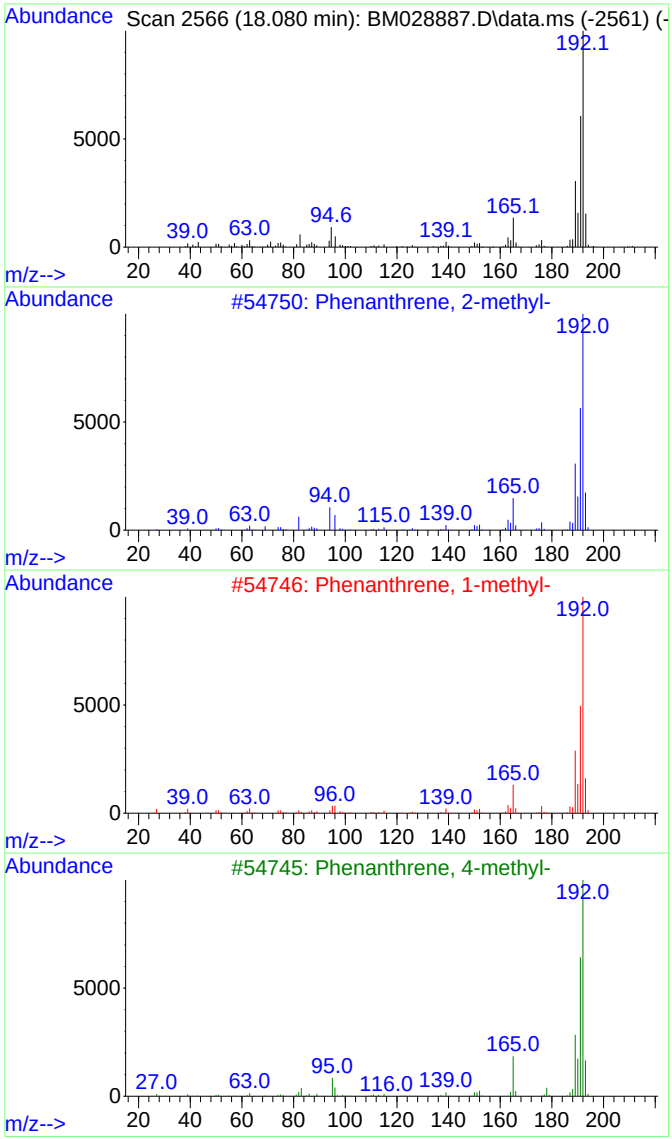
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

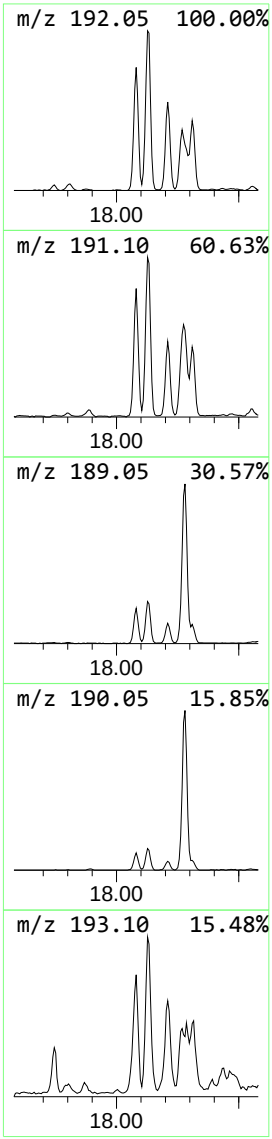
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	22.24 ng	194914	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
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Instrument : BNA_M
ClientSampleId : CL-01-022221

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

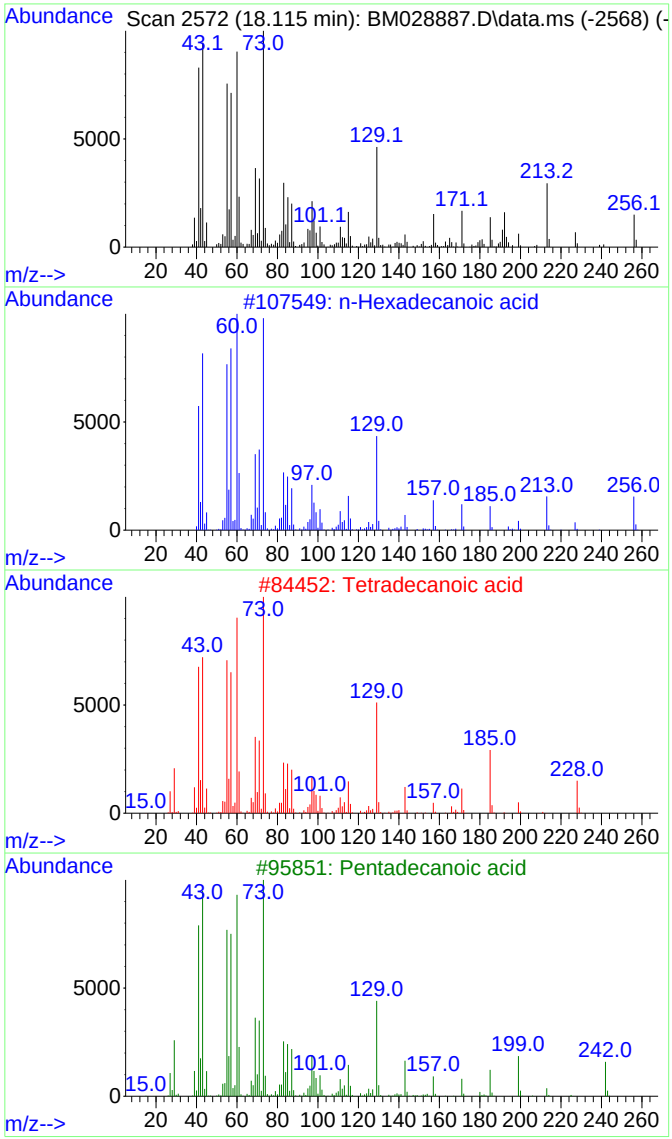
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

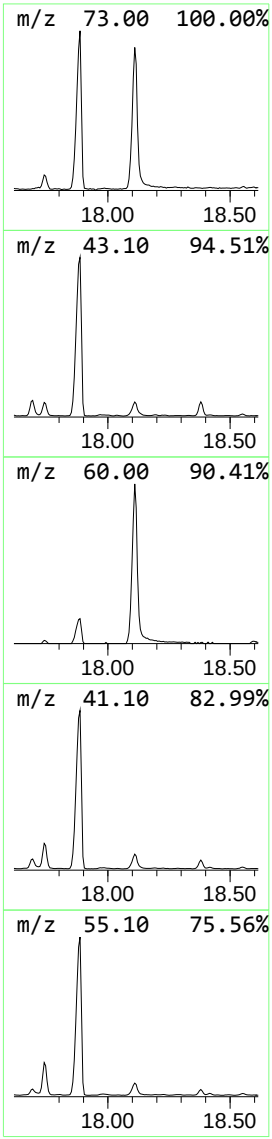
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	73.81 ng	646730	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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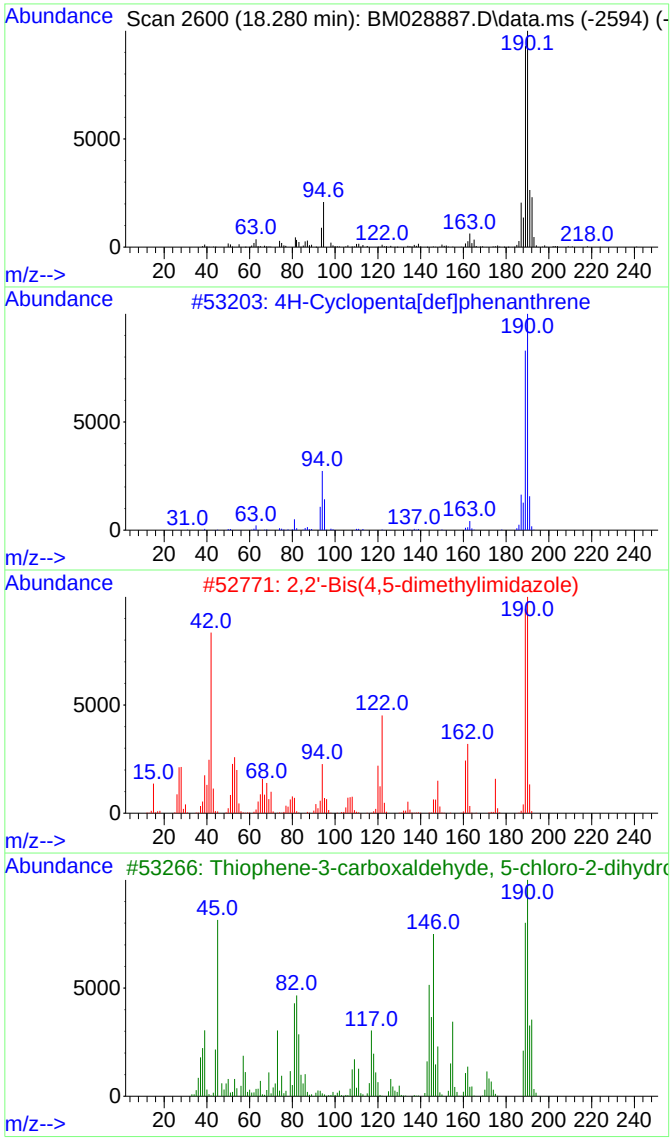
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

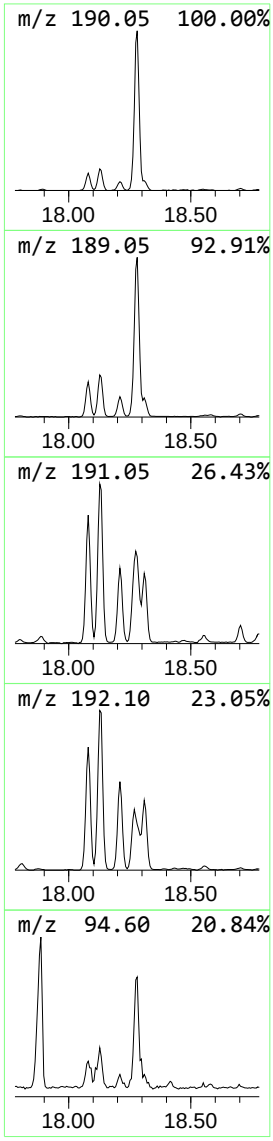
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	45.41 ng	397880	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	1-Aminocyclopentanecarboxylic ac...	389	C20H36ClNO4	1000329-17-2	12





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

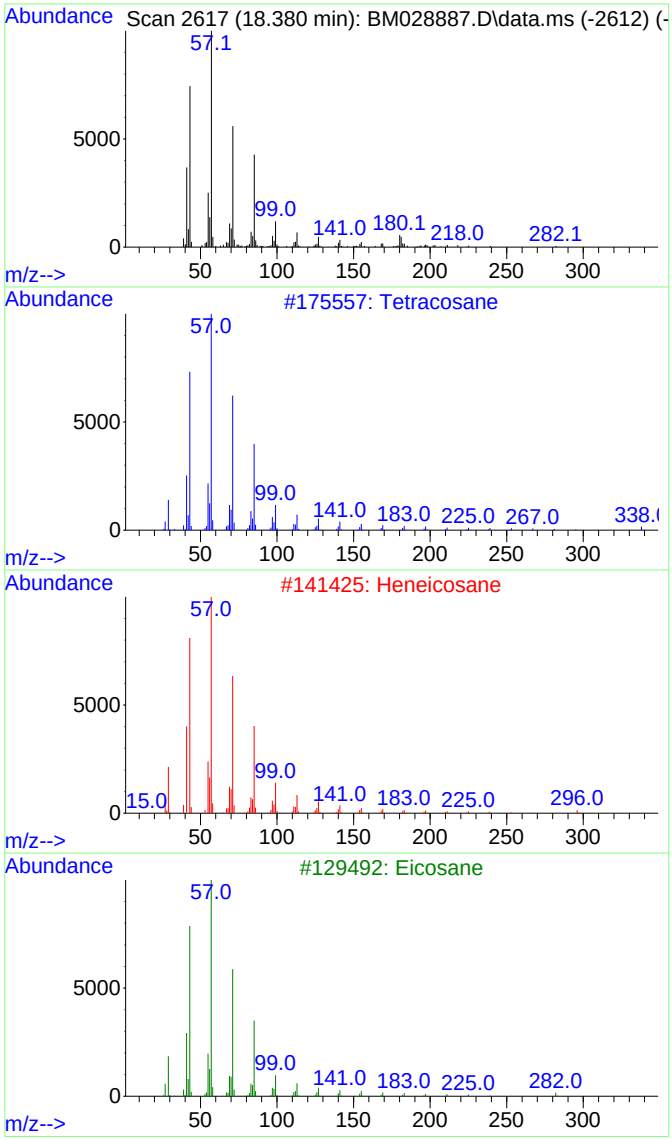
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

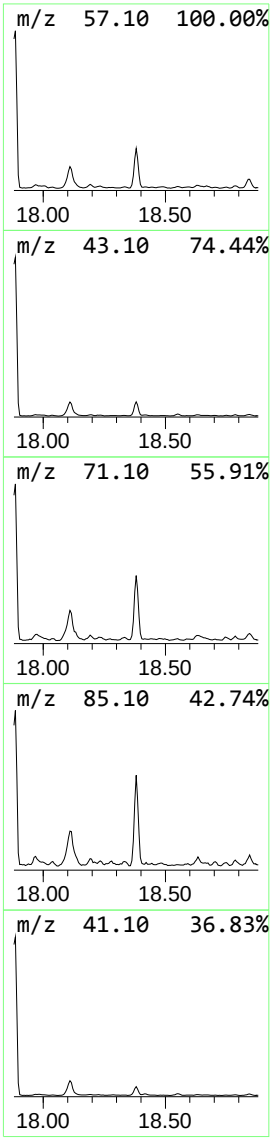
****

Peak Number 13 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	25.04 ng	219419	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





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Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

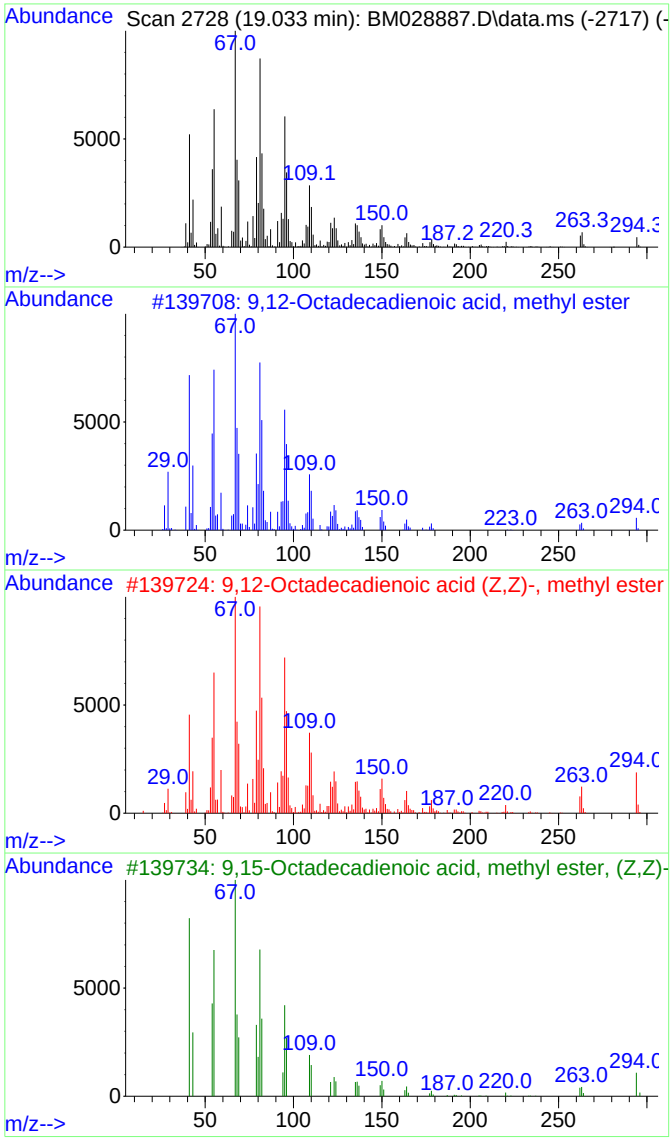
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

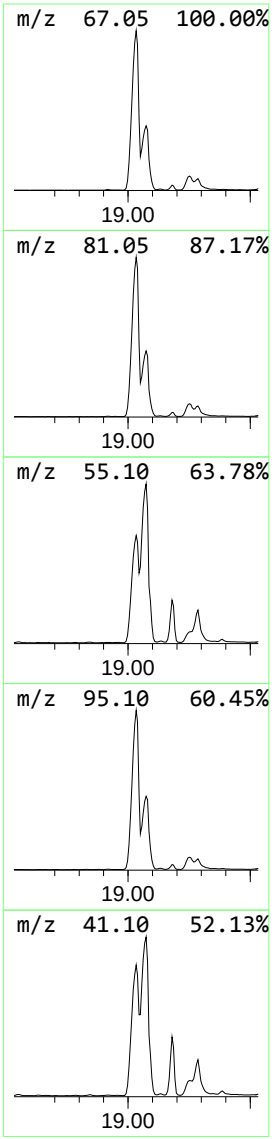
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	1256.59 ng	11011000	Phenanthrene-d10	17.209

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





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

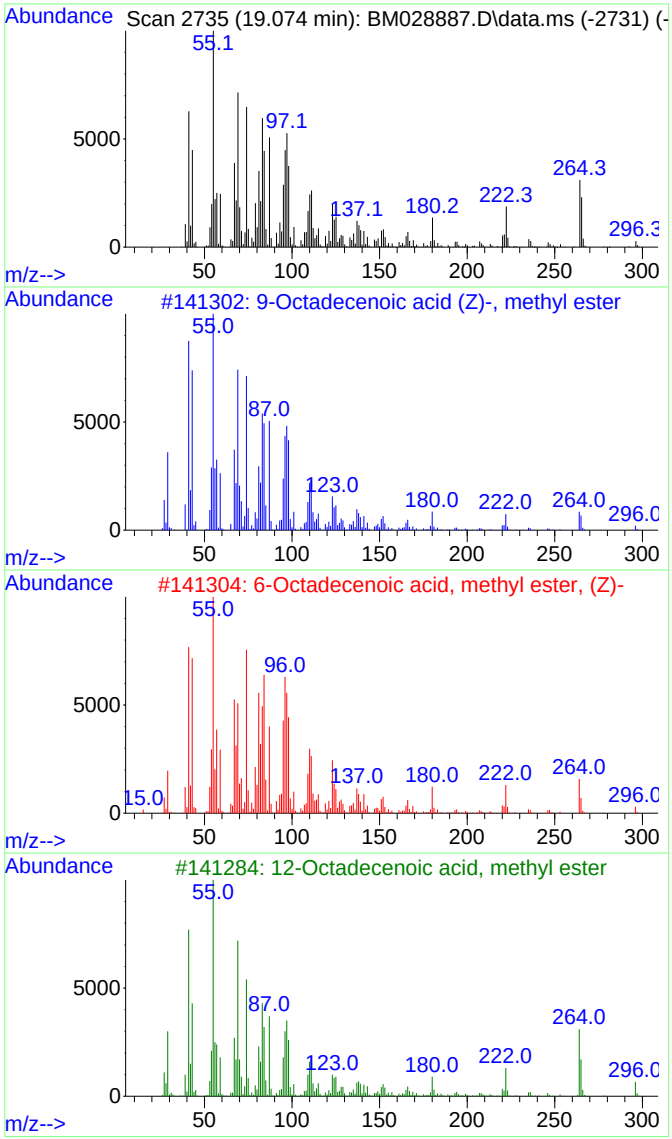
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

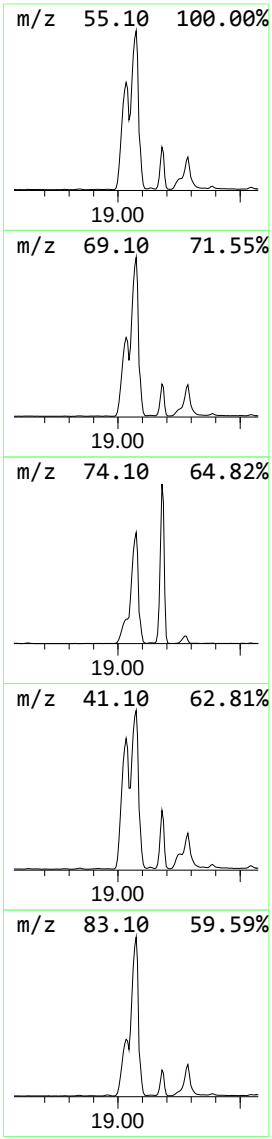
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.074	1240.26 ng	10867900	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





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

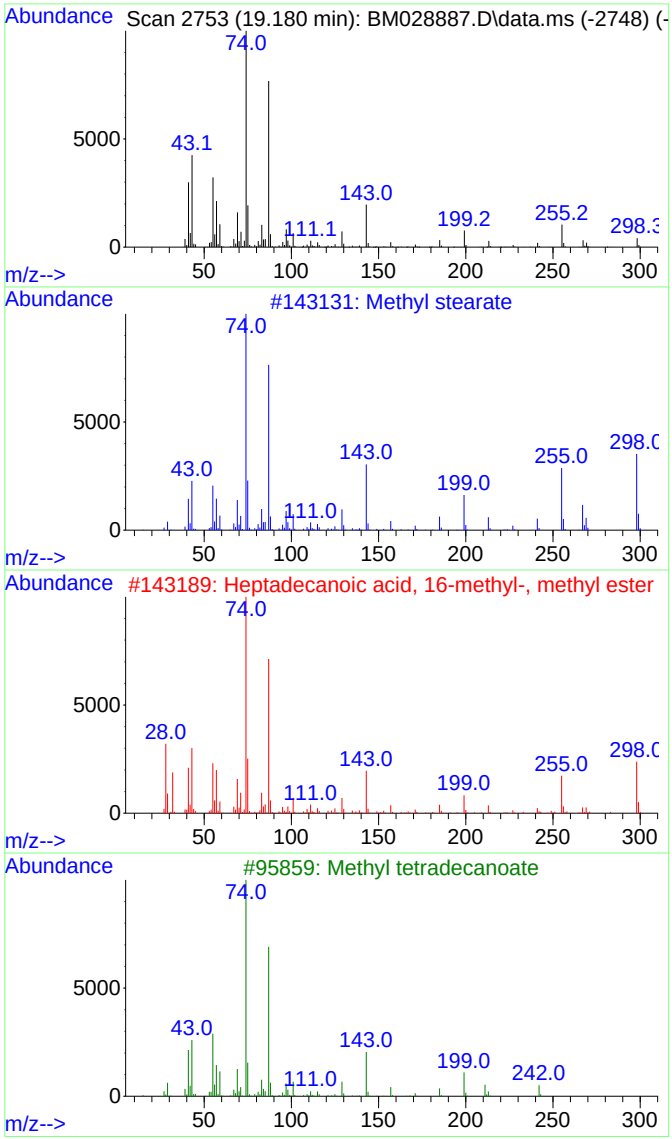
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

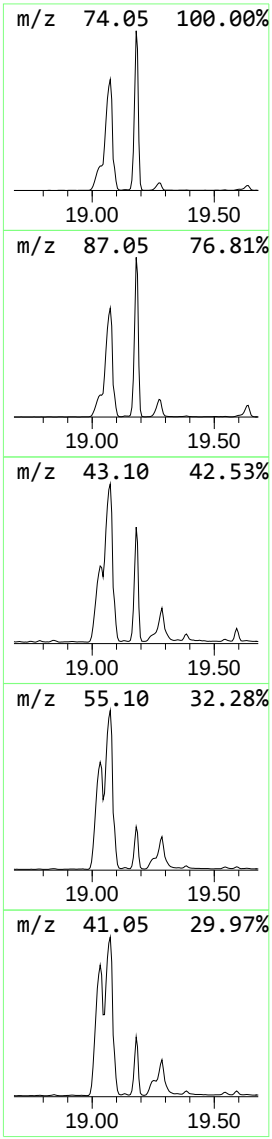
****

Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	257.65 ng	2257720	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





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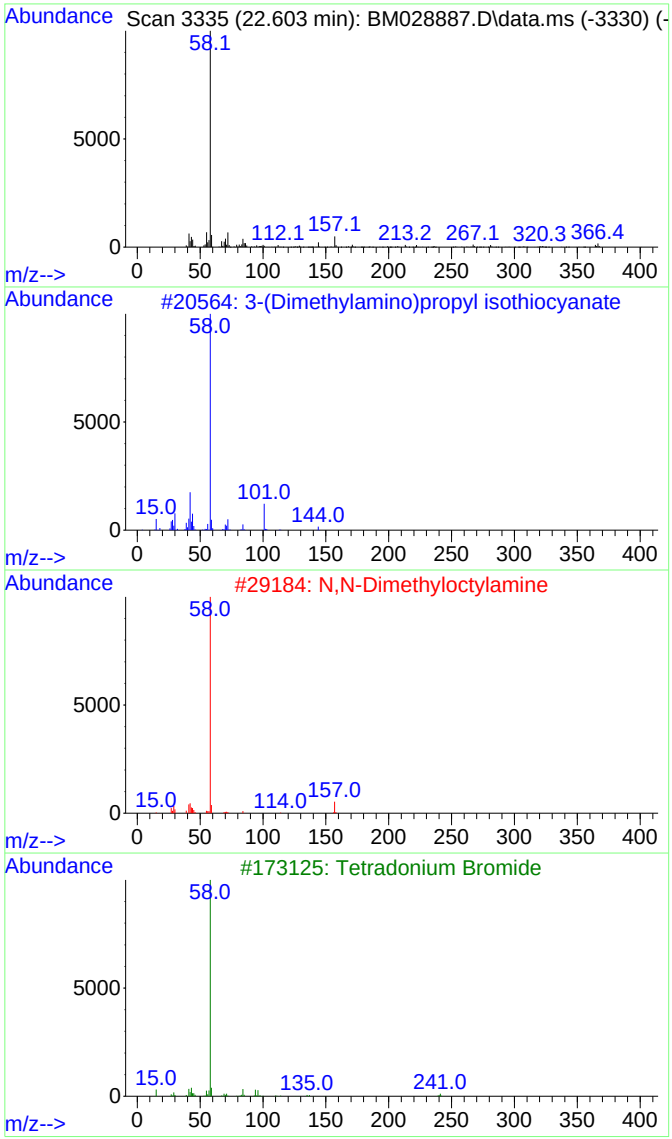
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

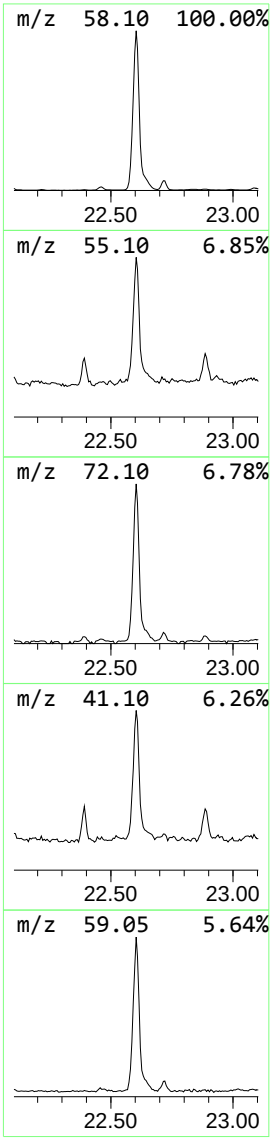
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-(Dimethylamino)propyl iso... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.603	68.01 ng	640836	Perylene-d12	23.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
4	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
5	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	64





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Instrument : BNA_M
ClientSampleId : CL-01-022221

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

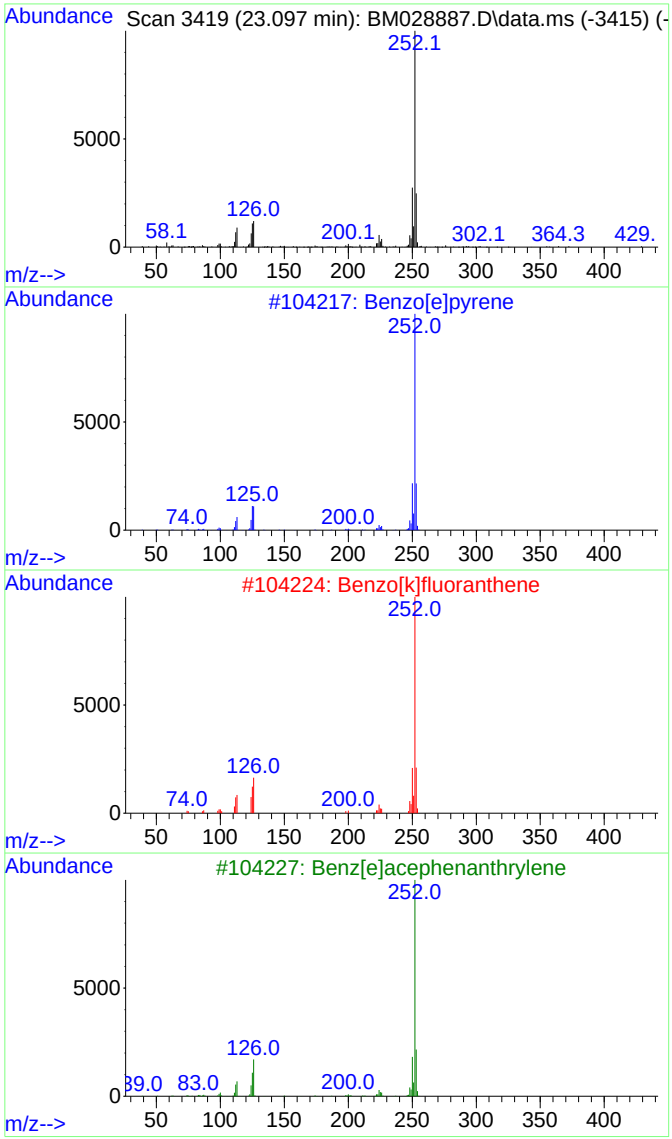
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

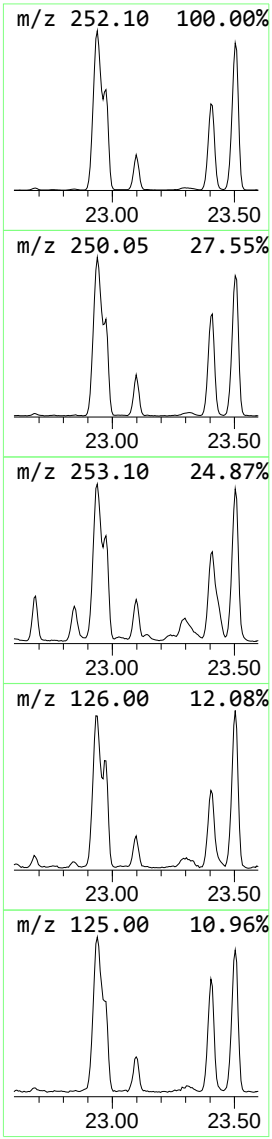
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.097	21.04 ng	198232	Perylene-d12	23.592

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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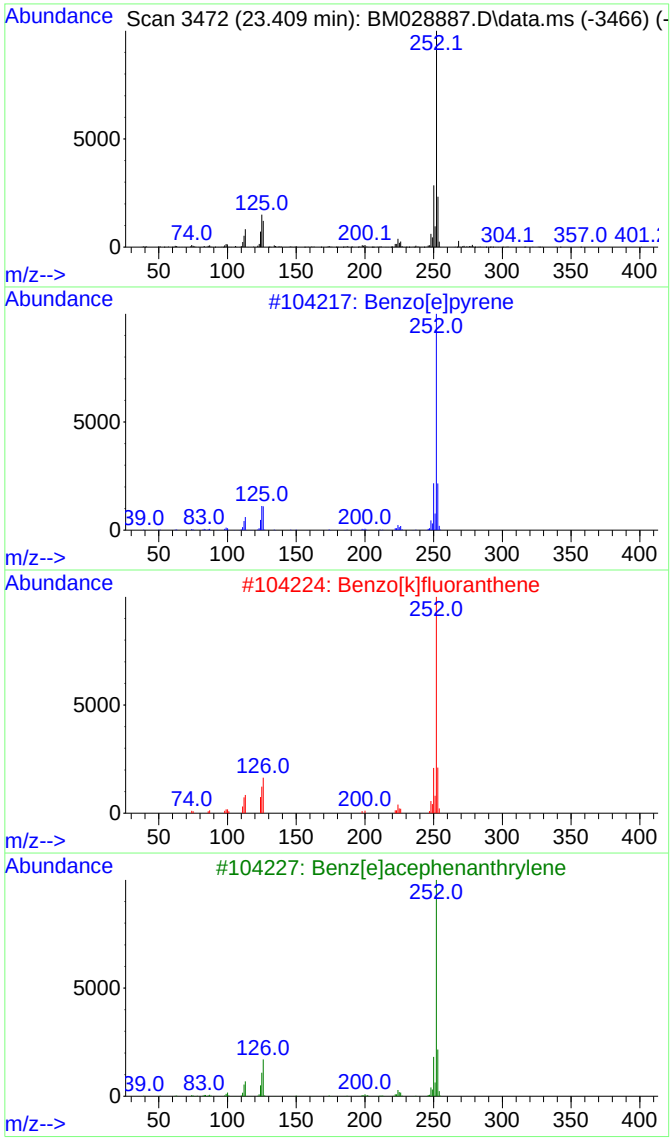
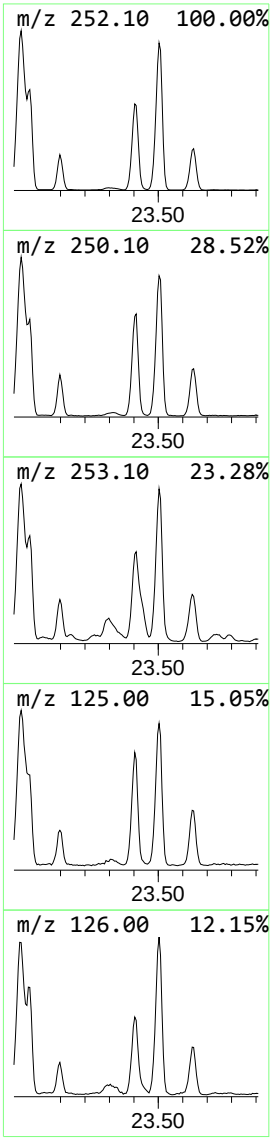
Peak Number 19 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.409	68.33 ng	643822	Perylene-d12	23.592

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	97
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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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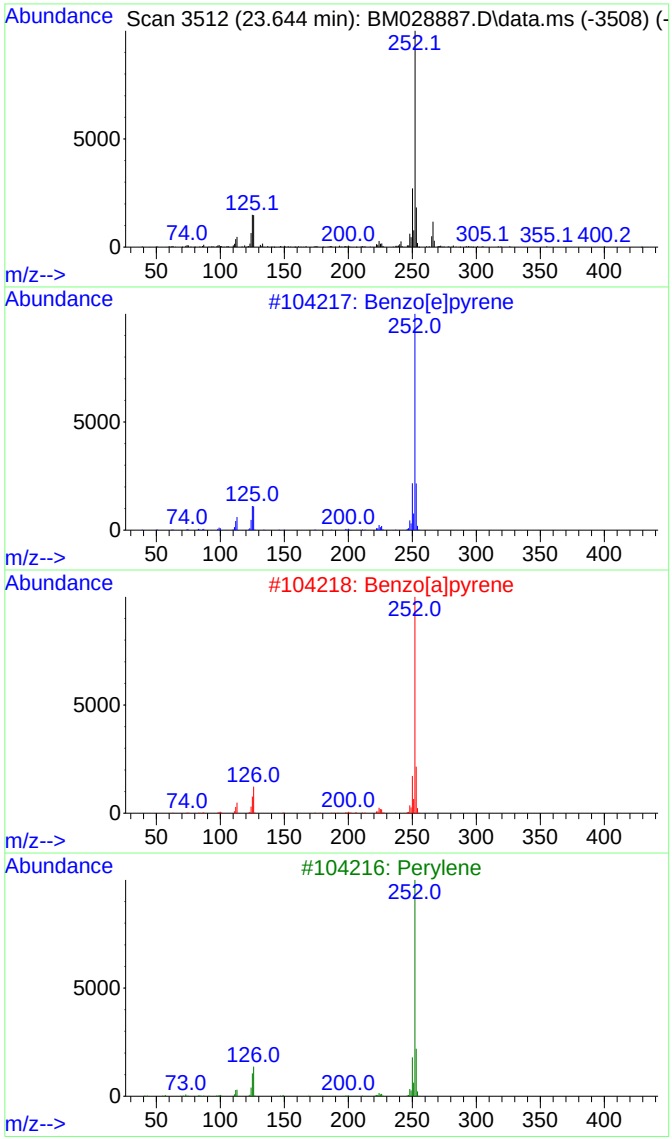
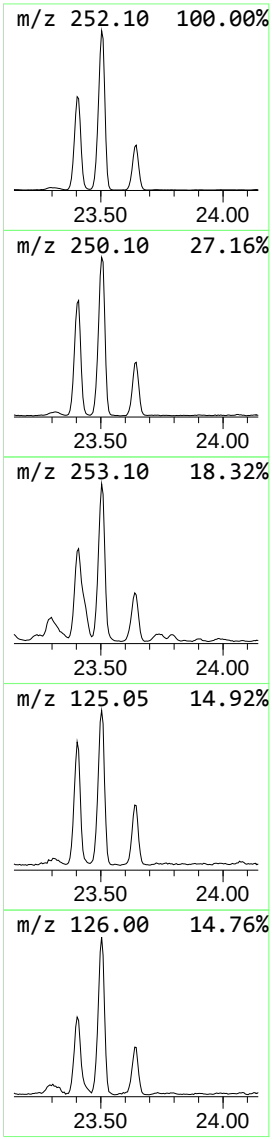
Peak Number 20 unknown23.644 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.644	33.37 ng	314371	Perylene-d12	23.592

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	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028887.D
Acq On : 24 Feb 2021 19:59
Operator : CG/JU
Sample : M1462-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-022221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Tridecane	12.016	39.3	ng	282313	2	10.604	143846	20.0
Pentadecane	14.351	25.3	ng	322061	3	14.463	254743	20.0
Hexadecane	15.304	23.6	ng	300681	3	14.463	254743	20.0
Heptadecane	16.163	46.0	ng	402900	4	17.209	175252	20.0
Tetracosane	16.957	32.6	ng	285386	4	17.209	175252	20.0
Dibenzothiophene	17.027	20.2	ng	177142	4	17.209	175252	20.0
Tetradecane	17.692	25.7	ng	225098	4	17.209	175252	20.0
9-Hexadecenoic ...	17.739	70.8	ng	620428	4	17.209	175252	20.0
Hexadecanoic ac...	17.886	654.6	ng	5735860	4	17.209	175252	20.0
Phenanthrene, 2...	18.080	22.2	ng	194914	4	17.209	175252	20.0
n-Hexadecanoic ...	18.115	73.8	ng	646730	4	17.209	175252	20.0
4H-Cyclopenta[d...	18.280	45.4	ng	397880	4	17.209	175252	20.0
Heneicosane	18.380	25.0	ng	219419	4	17.209	175252	20.0
9,12-Octadecadi...	19.033	1256.6	ng	11011000	4	17.209	175252	20.0
9-Octadecenoic ...	19.074	1240.3	ng	10867900	4	17.209	175252	20.0
Methyl stearate	19.180	257.6	ng	2257720	4	17.209	175252	20.0
3-(Dimethylamin...	22.603	68.0	ng	640836	6	23.592	188441	20.0
Benzo[e]pyrene	23.097	21.0	ng	198232	6	23.592	188441	20.0
Perylene	23.409	68.3	ng	643822	6	23.592	188441	20.0
unknown23.644	23.644	33.4	ng	314371	6	23.592	188441	20.0