LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005231.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	369	375	383	rVB	68757	107809	4.62%	0.761%
2	6.875	638	644	655	rVB	58150	99357	4.26%	0.702%
3	7.693	776	783	790	rVB	86653	139557	5.99%	0.986%
4	8.851	973	980	986	rBV	38516	64546	2.77%	0.456%
5	10.481	1246	1257	1262	rBV	111627	188786	8.10%	1.333%
6	12.963	1673	1679	1688	rVB	90252	131733	5.65%	0.930%
7	13.169	1707	1714	1719	rBV3	22336	34606	1.48%	0.244%
8	13.663	1793	1798	1803	rBV3	14383	24673	1.06%	0.174%
9	14.069	1859	1867	1875	rBV	49169	82208	3.53%	0.581%
10	14.251	1893	1898	1904	rVB	36401	46224	1.98%	0.326%
11	14.345	1906	1914	1920	rVV	150638	245469	10.53%	1.733%
12	14.410	1921	1925	1934	rVB	28792	45460	1.95%	0.321%
13	14.751	1979	1983	1990	rVB2	30478	45726	1.96%	0.323%
14	14.969	2013	2020	2025	rBV6	10472	25870	1.11%	0.183%
15	15.210	2057	2061	2071	rVB2	40811	63192	2.71%	0.446%
16	15.404	2088	2094	2106	rVB	55962	95316	4.09%	0.673%
17	15.616	2125	2130	2134	rBV4	17431	27987	1.20%	0.198%
18	15.845	2161	2169	2177	rBV4	71179	124254	5.33%	0.877%
19	16.075	2203	2208	2216	rBV4	53830	99100	4.25%	0.700%
20	16.416	2259	2266	2269	rBV5	17528	31353	1.34%	0.221%
21	16.875	2340	2344	2348	rVV	36957	44917	1.93%	0.317%
22	16.922	2348	2352	2360	rVB	34374	58864	2.52%	0.416%
23	17.110	2378	2384	2387	rBV	183609	260980	11.19%	1.843%
24	17.151	2387	2391	2398	rVV	323763	444307	19.06%	3.138%
25	17.245	2402	2407	2412	rVB	113099	160089	6.87%	1.131%
26	17.304	2412	2417	2422	rBV3	13966	25256	1.08%	0.178%
27	17.522	2450	2454	2461	rBV	18562	28675	1.23%	0.202%
28	17.616	2466	2470	2476	rVV2	35964	51856	2.22%	0.366%
29	17.692	2480	2483	2491	rVB2	17966	29783	1.28%	0.210%
30	17.792	2494	2500	2504	rBV	528296	616416	26.44%	4.353%
31	17.980	2527	2532	2535	rBV	54297	82249	3.53%	0.581%
32	18.027	2535	2540	2547	rVB	77524	143319	6.15%	1.012%
33	18.110	2549	2554	2558	rBV	35990	51760	2.22%	0.366%
34	18.175	2559	2565	2568	rVV3	98004	172078	7.38%	1.215%
35	18.210	2568	2571	2576	rVB	42434	55707	2.39%	0.393%
36	18.292	2580	2585	2588	rBV	39155	47580	2.04%	0.336%

LSC Area Percent Report

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Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.469	2609	2615	2619	rBV	35656	54272	2.33%	0.383%
38	18.516	2619	2623	2631	rVB7	17609	30018	1.29%	0.212%
39	18.757	2660	2664	2667	rVB2	22119	28318	1.21%	0.200%
40	18.798	2667	2671	2675	rVB2	19859	24903	1.07%	0.176%
41	18.898	2679	2688	2691	rBV	1857742	2331336	100.00%	16.463%
42	18.933	2691	2694	2698	rVB2	1310624	1396127	59.89%	9.859%
43	19.010	2703	2707	2711	rBV2	35931	55555	2.38%	0.392%
44	19.057	2711	2715	2720	rVB	241560	271647	11.65%	1.918%
45	19.133	2720	2728	2735	rBV	601657	811997	34.83%	5.734%
46	19.227	2741	2744	2749	rBV4	19781	31052	1.33%	0.219%
47	19.280	2750	2753	2757	rVB	30138	37349	1.60%	0.264%
48	19.416	2772	2776	2779	rVB3	41252	53666	2.30%	0.379%
49	19.486	2779	2788	2796	rVB	477078	771995	33.11%	5.452%
50	19.563	2796	2801	2806	rBV3	31911	50210	2.15%	0.355%
51	19.680	2815	2821	2825	rBV2	140418	192128	8.24%	1.357%
52	19.722	2825	2828	2833	rVB3	31442	42555	1.83%	0.301%
53	19.798	2837	2841	2849	rBV3	40704	94835	4.07%	0.670%
54	19.892	2854	2857	2860	rBV4	33894	38933	1.67%	0.275%
55	19.933	2860	2864	2865	rVV3	48540	65270	2.80%	0.461%
56	19.969	2868	2870	2876	rVB2	96397	118012	5.06%	0.833%
57	20.069	2883	2887	2890	rVB	82540	96659	4.15%	0.683%
58	20.121	2892	2896	2900	rVV2	95935	120980	5.19%	0.854%
59	20.163	2900	2903	2907	rVV5	18311	23953	1.03%	0.169%
60	20.257	2916	2919	2923	rBV	49064	56064	2.40%	0.396%
61	20.304	2923	2927	2931	rVV	46807	58139	2.49%	0.411%
62	20.663	2985	2988	2991	rBV5	20869	28787	1.23%	0.203%
63	20.698	2992	2994	2999	rVB2	26420	38510	1.65%	0.272%
64	20.863	3019	3022	3025	rBV	37454	45420	1.95%	0.321%
65	20.898	3025	3028	3031	rBV	37546	38486	1.65%	0.272%
66	21.198	3074	3079	3084	rBV2	406180	788688	33.83%	5.569%
67	21.245	3084	3087	3097	rVB	269311	350140	15.02%	2.473%
68	21.357	3103	3106	3112	rBV2	51287	80354	3.45%	0.567%
69	21.757	3172	3174	3177	rVB	37422	40387	1.73%	0.285%
70	22.798	3345	3351	3356	rBV	222484	513925	22.04%	3.629%
71	22.974	3378	3381	3386	rVB	58390	91570	3.93%	0.647%
72	23.292	3430	3435	3442	rVB	136518	259623	11.14%	1.833%
73	23.386	3446	3451	3460	rVB	222385	439096	18.83%	3.101%
74	23.492	3463	3469	3473	rBV2	157269	275426	11.81%	1.945%
75	25.827	3859	3866	3877	rVB2	108236	317446	13.62%	2.242%

LSC Area Percent Report

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Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-040621

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 14160893

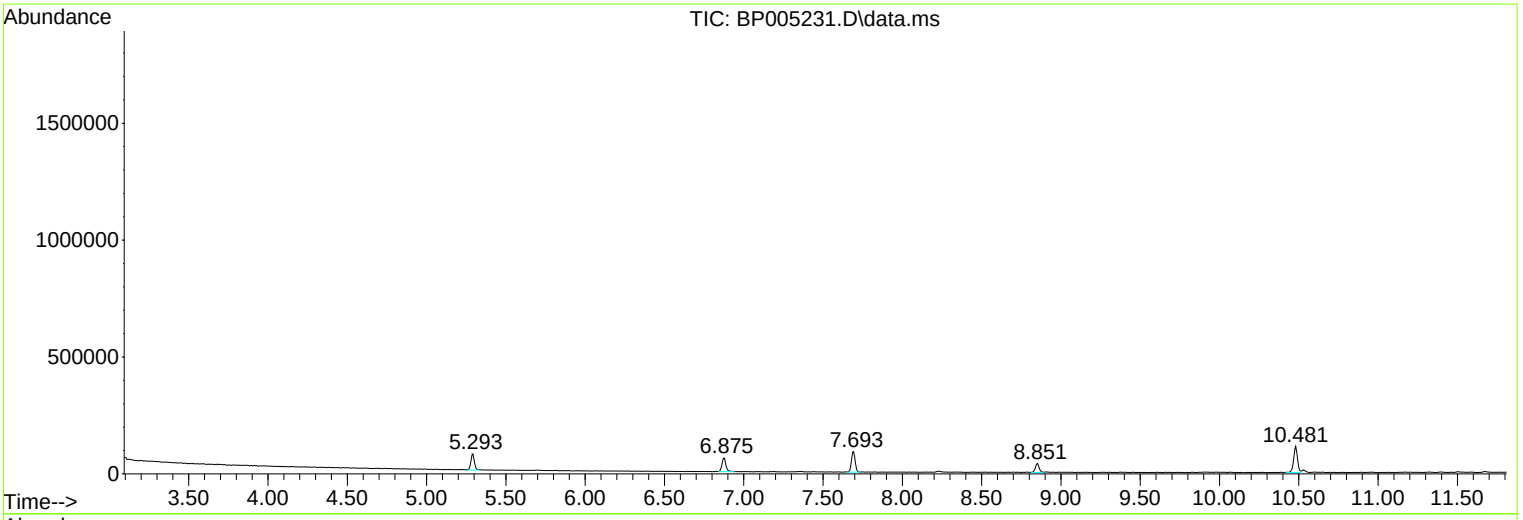
LSC Report - Integrated Chromatogram

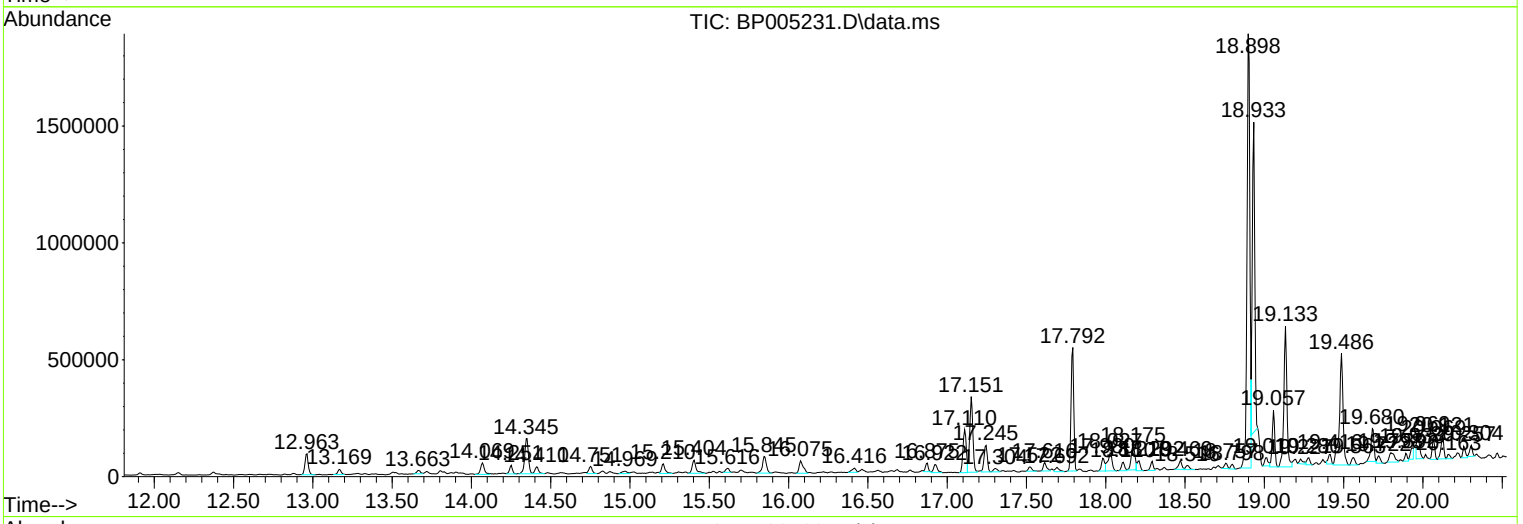
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

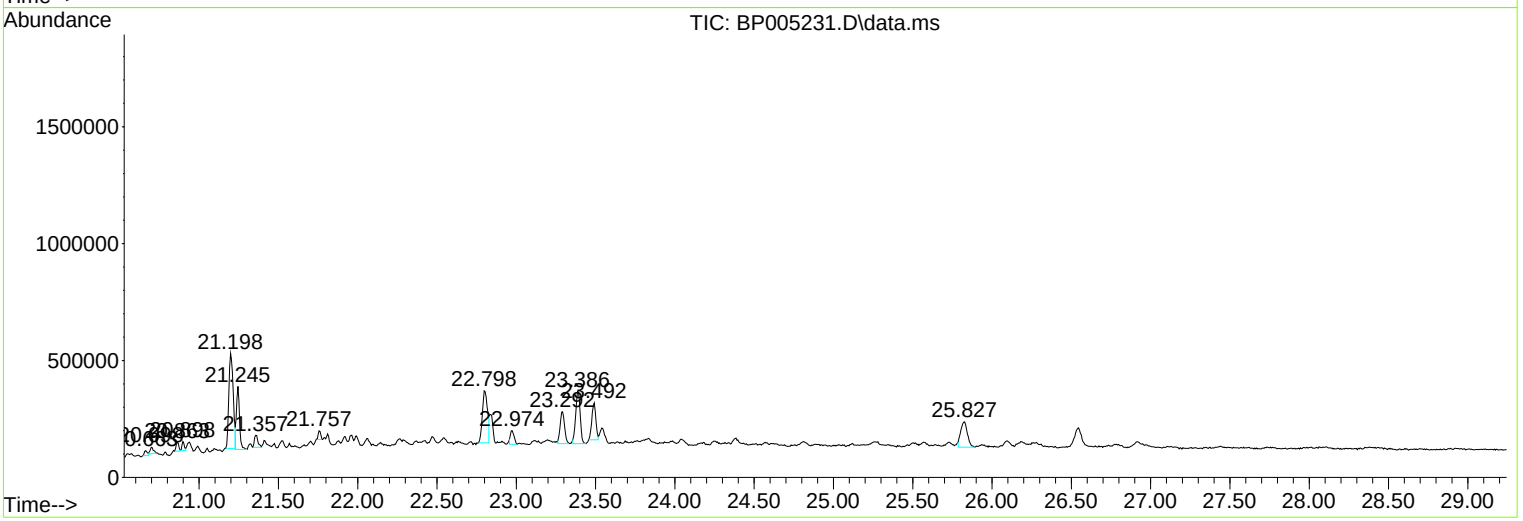
Instrument :
BNA_P
ClientSampleId :
SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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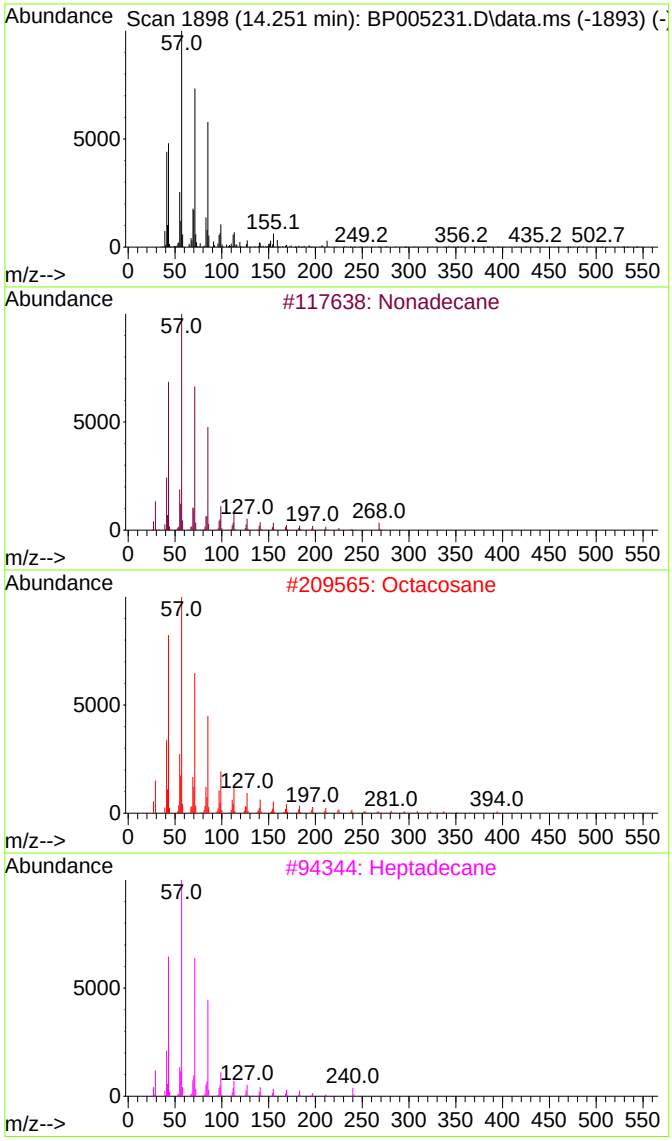
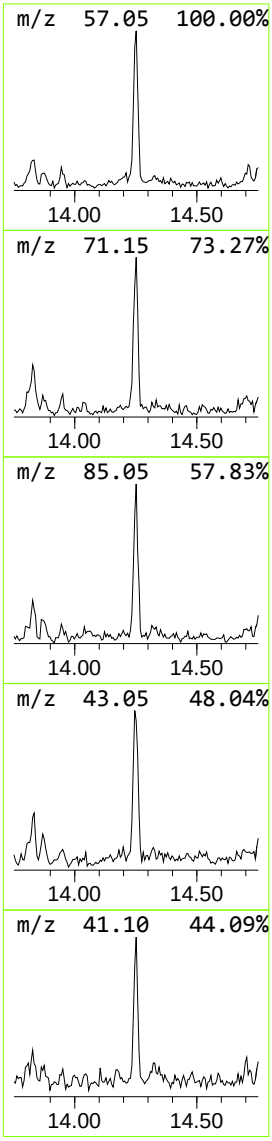
Peak Number 1 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	3.77 ng	46224	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tetracosane	338	C24H50	000646-31-1	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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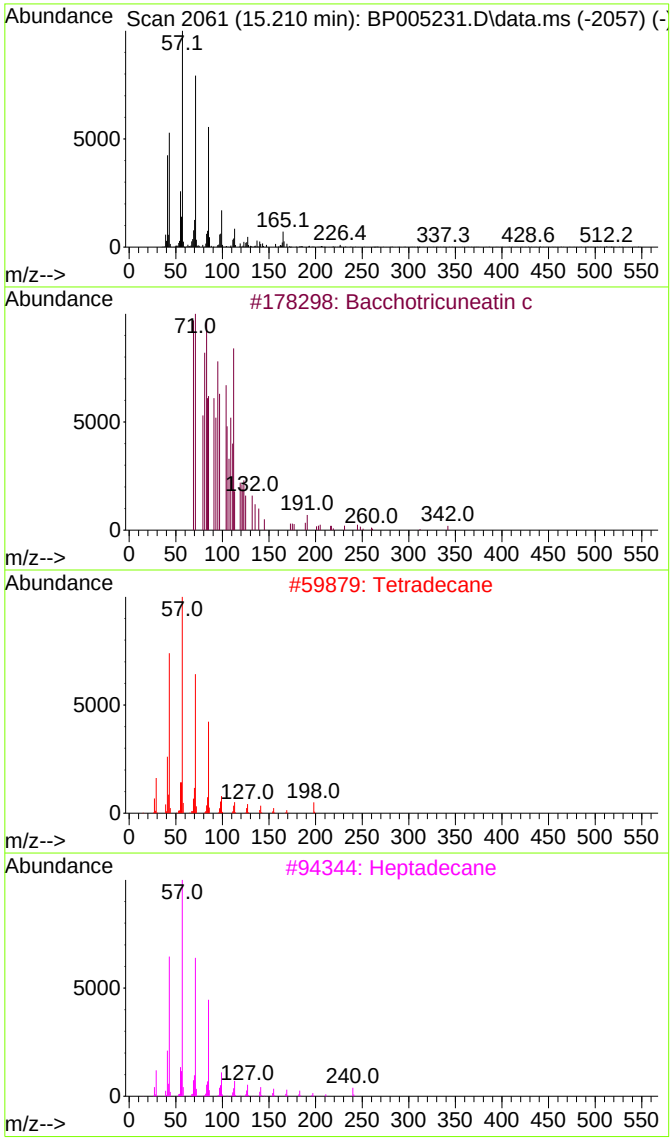
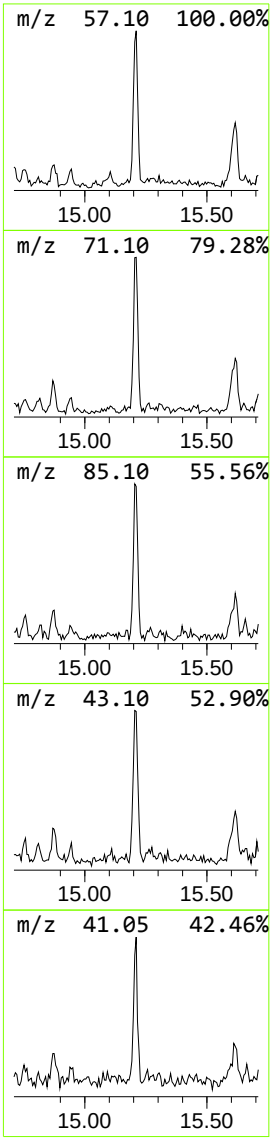
Peak Number 2 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	5.15 ng	63192	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane	240	C17H36	000629-78-7	83
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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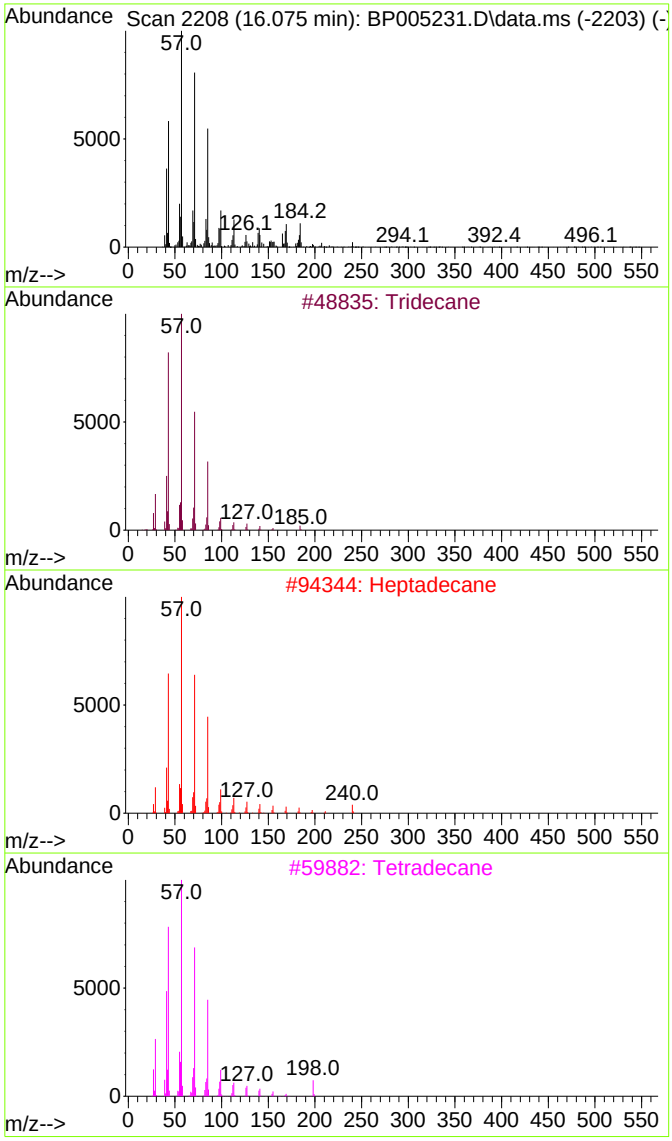
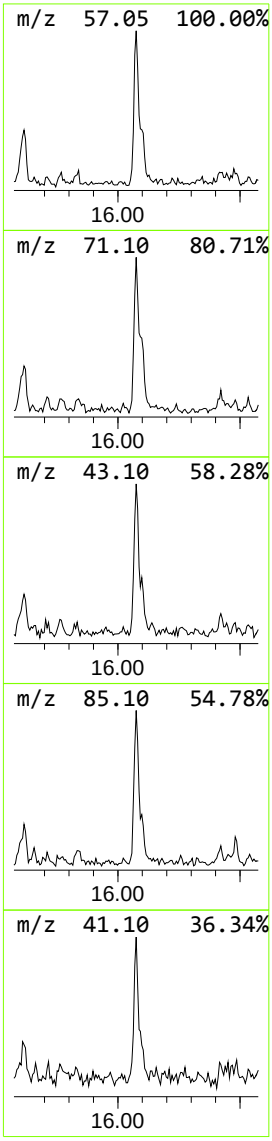
Peak Number 3 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	7.59 ng	99100	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
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Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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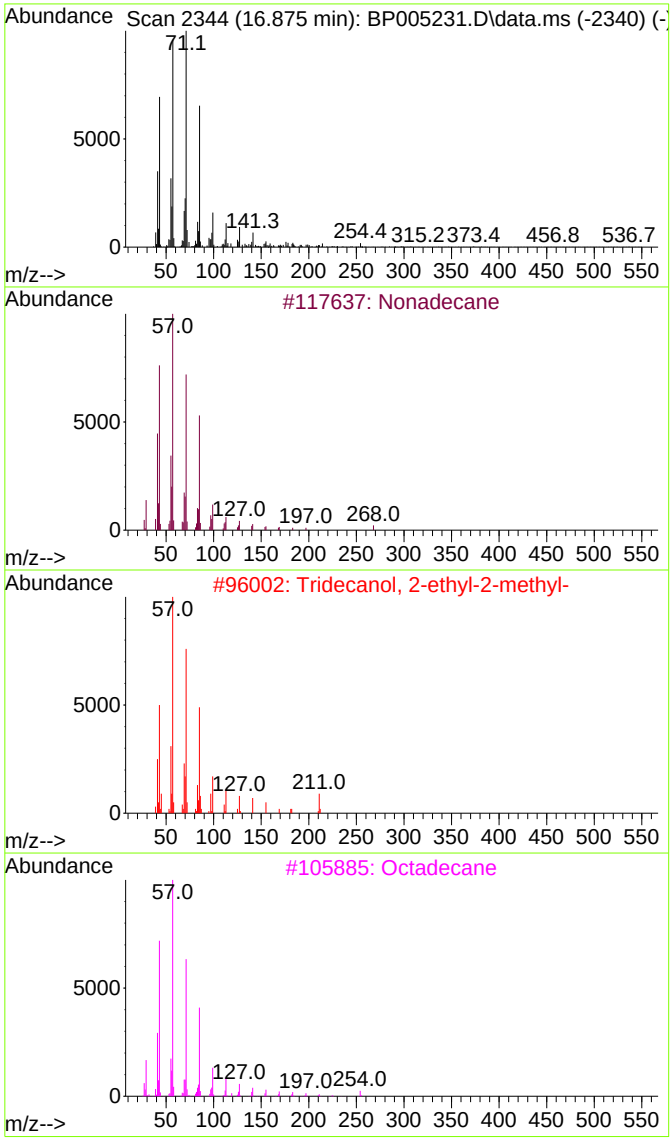
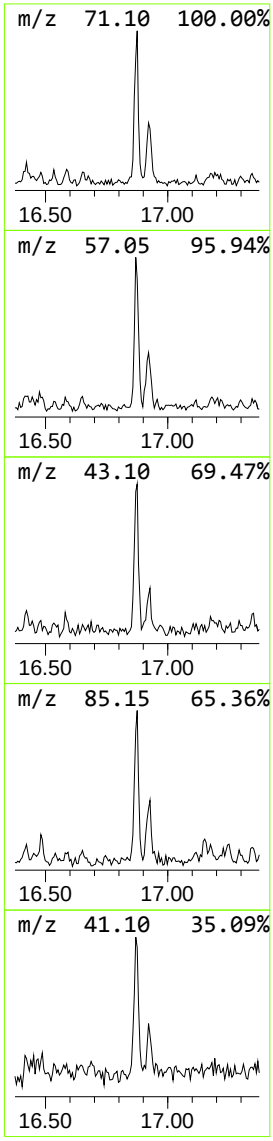
Peak Number 4 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	3.44 ng	44917	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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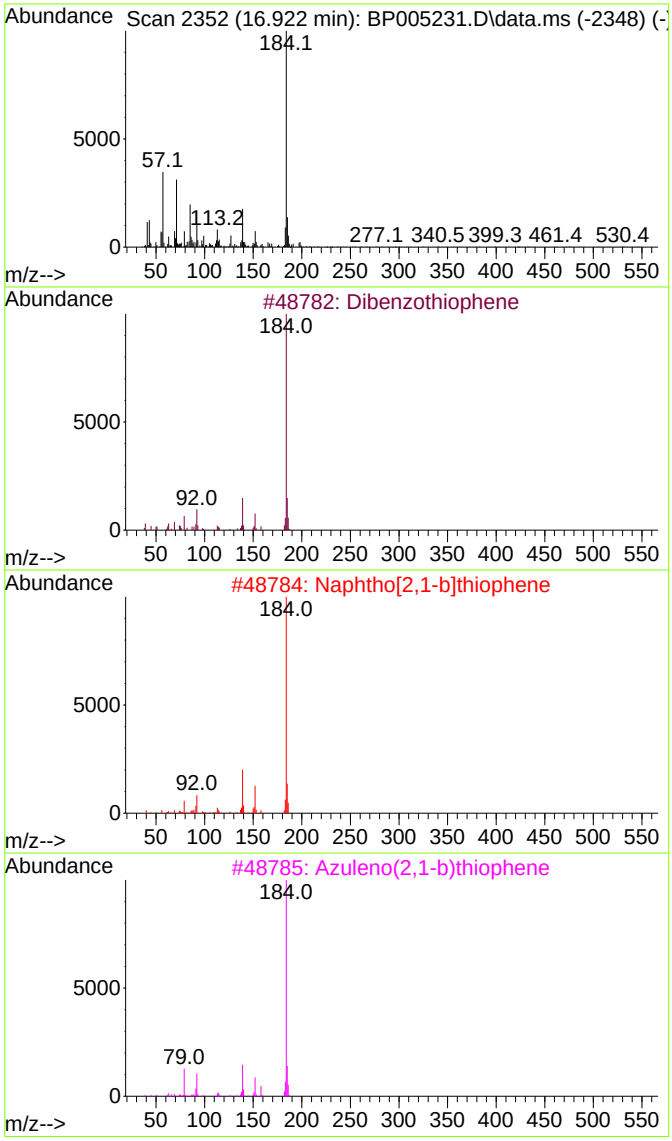
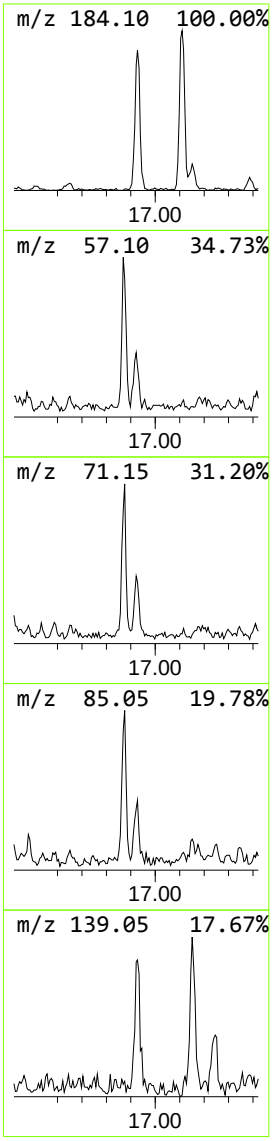
Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.922	4.51 ng	58864	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	92
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	70
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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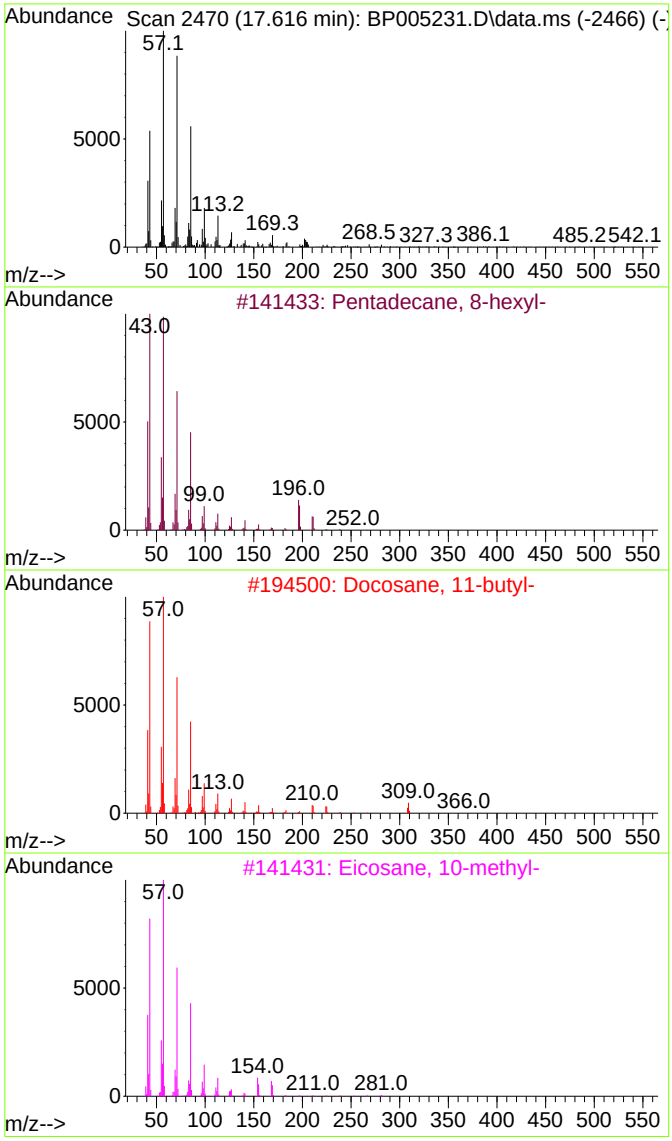
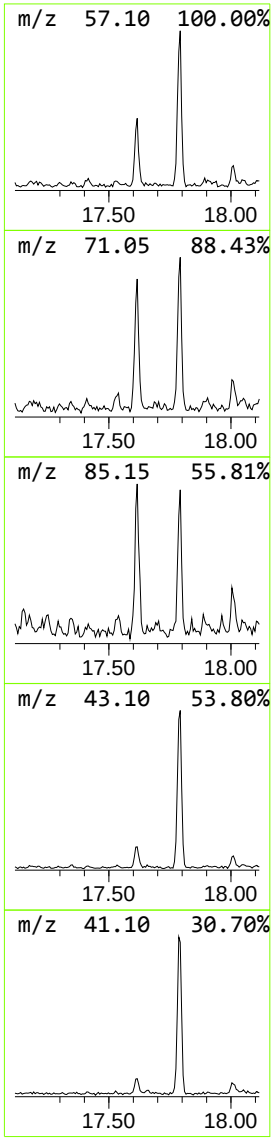
Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.616	3.97 ng	51856	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	87





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Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-040621

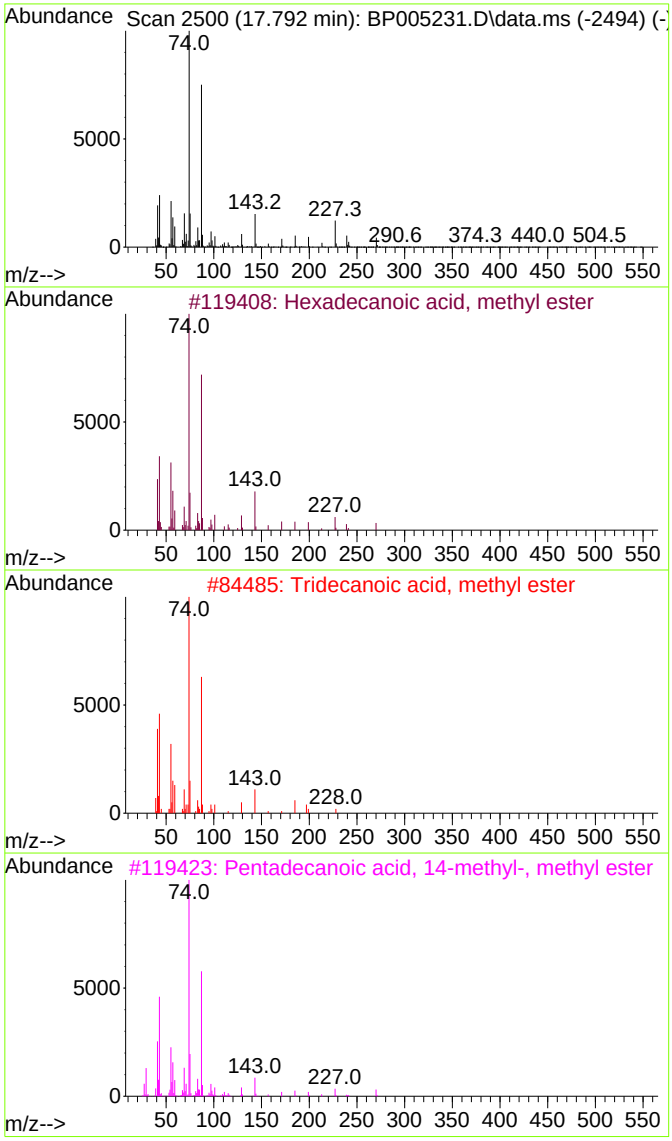
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

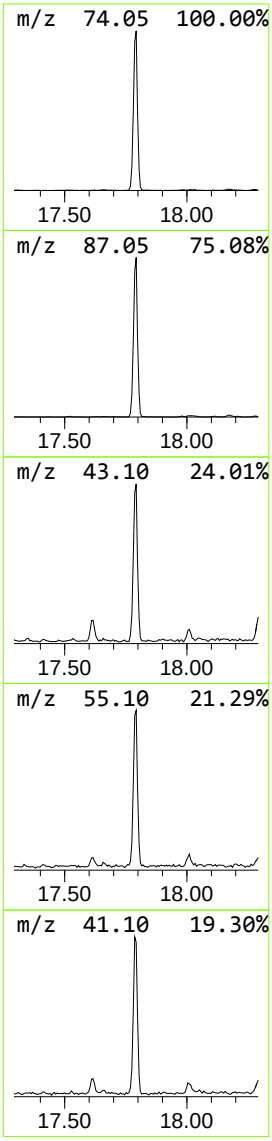
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	47.24 ng	616416	Phenanthrene-d10	17.110

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	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	87





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Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-040621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

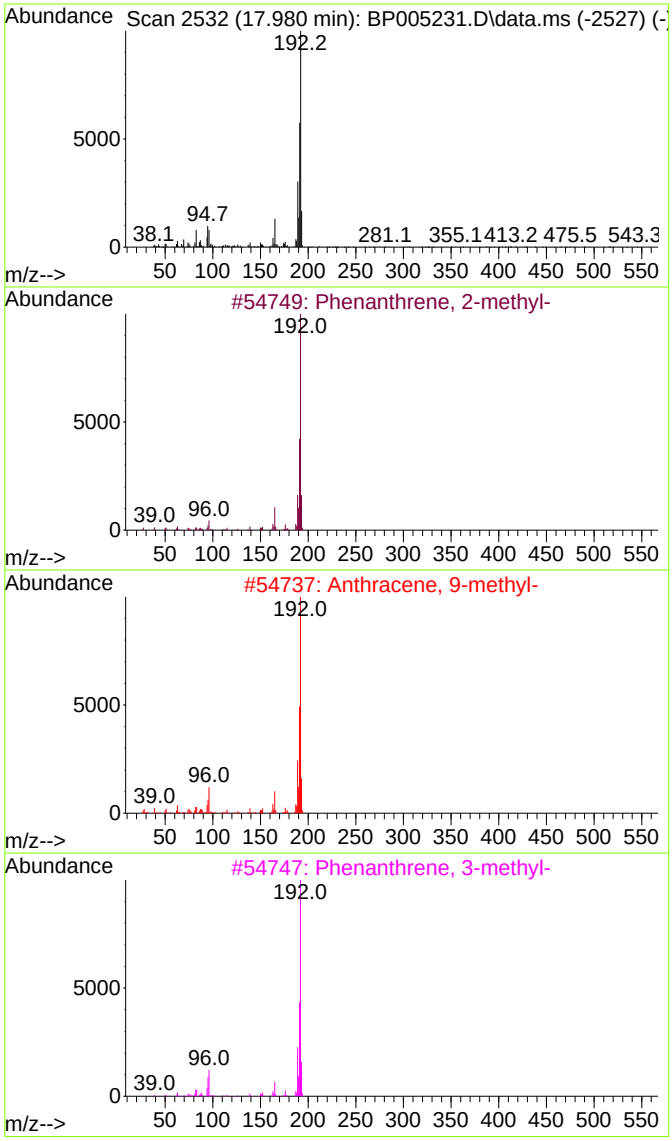
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

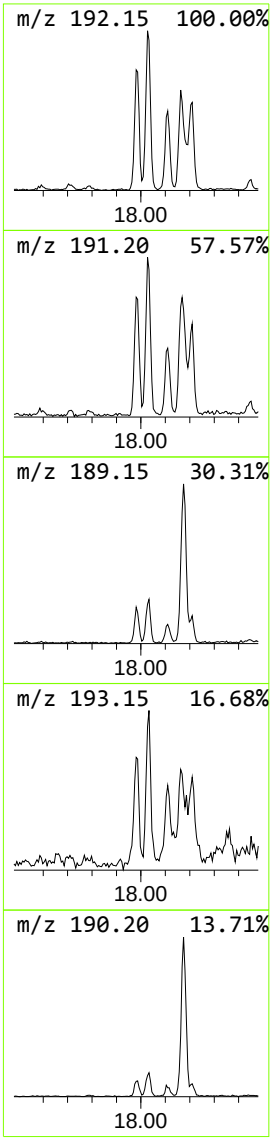
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	6.30 ng	82249	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

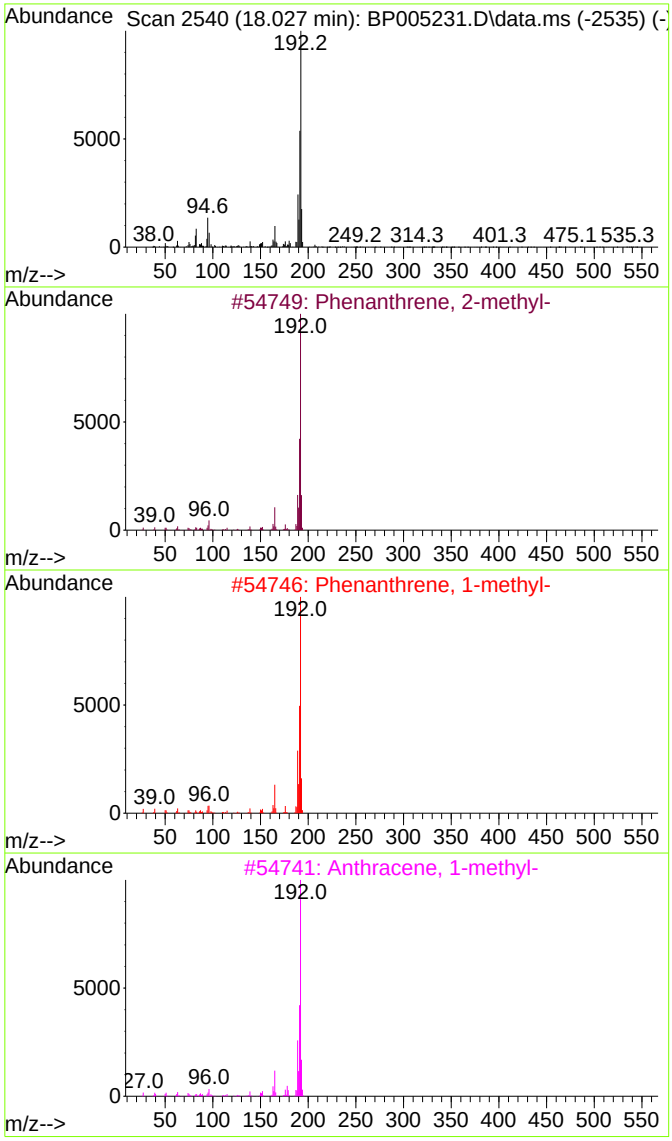
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

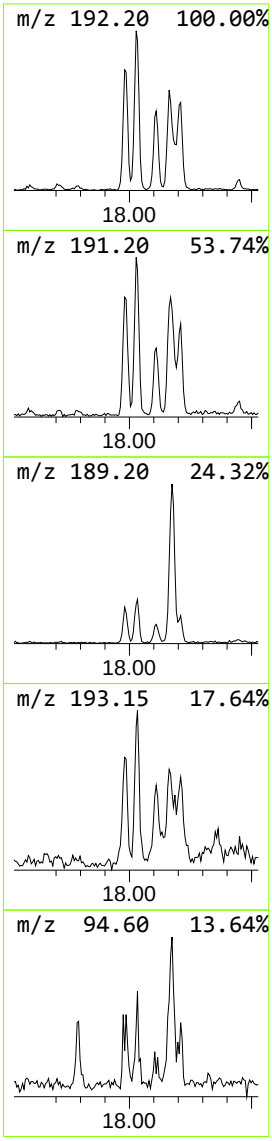
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	10.98 ng	143319	Phenanthrene-d10	17.110

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

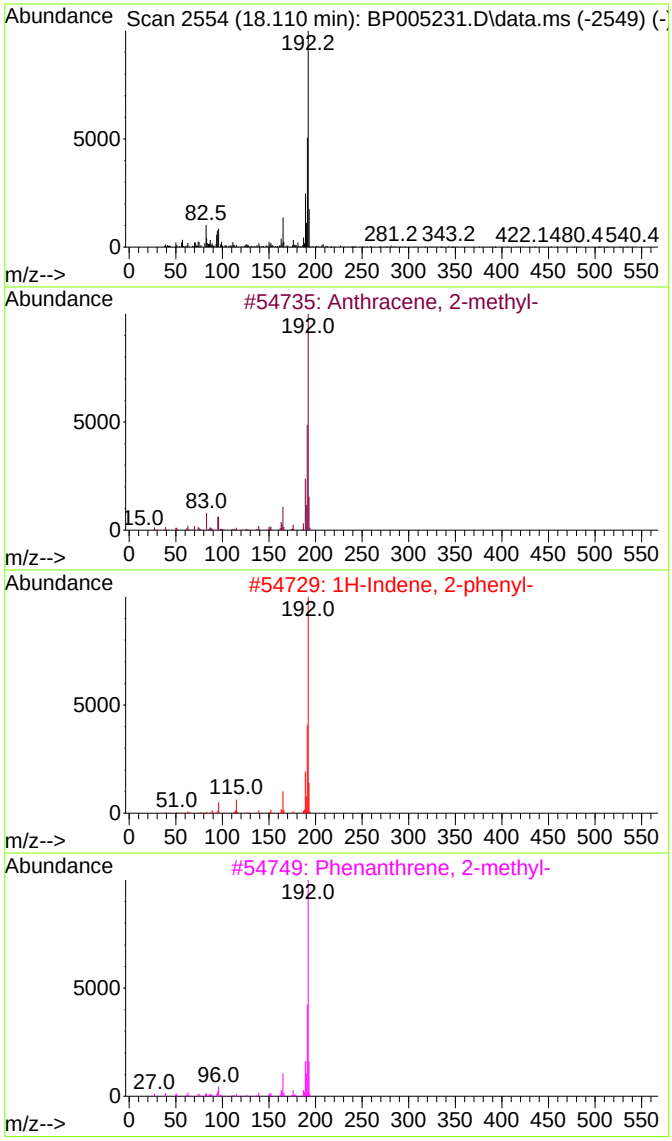
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

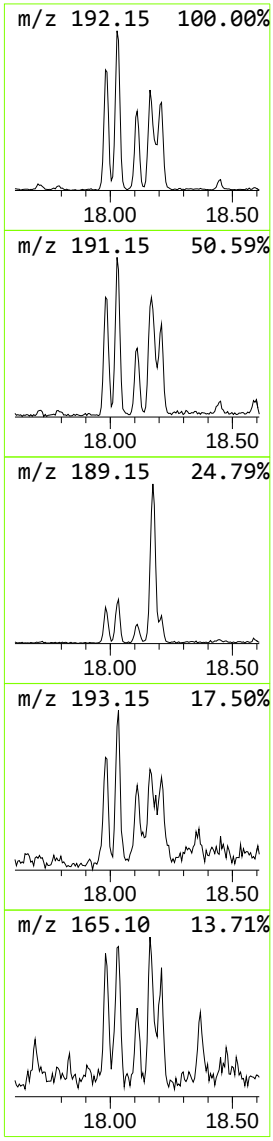
****

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	3.97 ng	51760	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-040621

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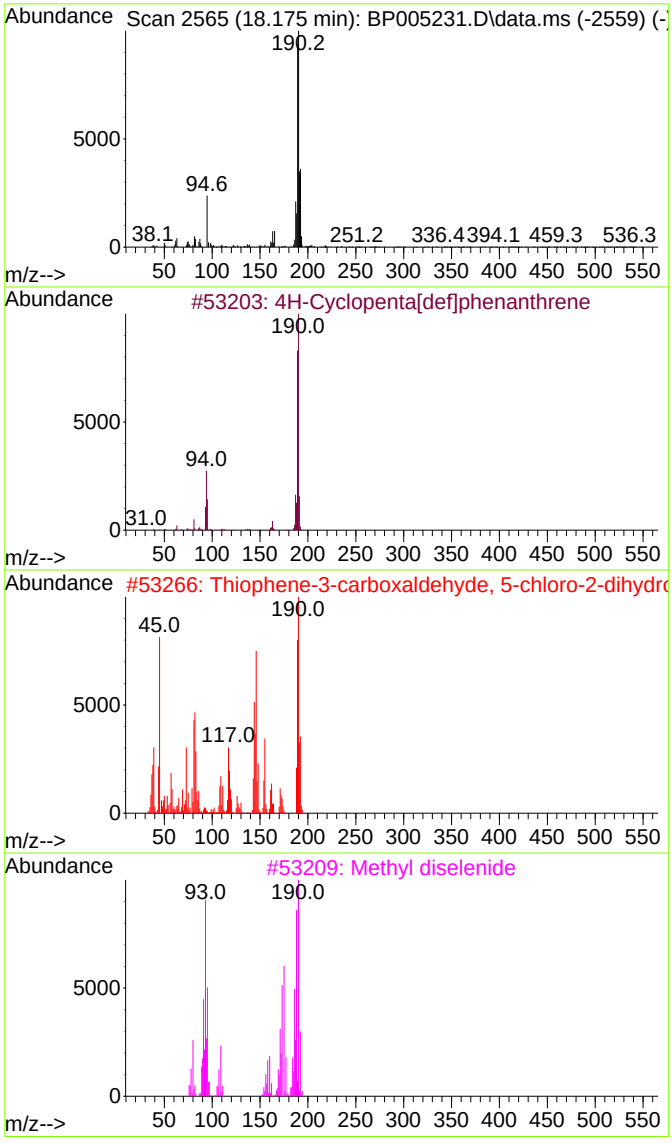
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

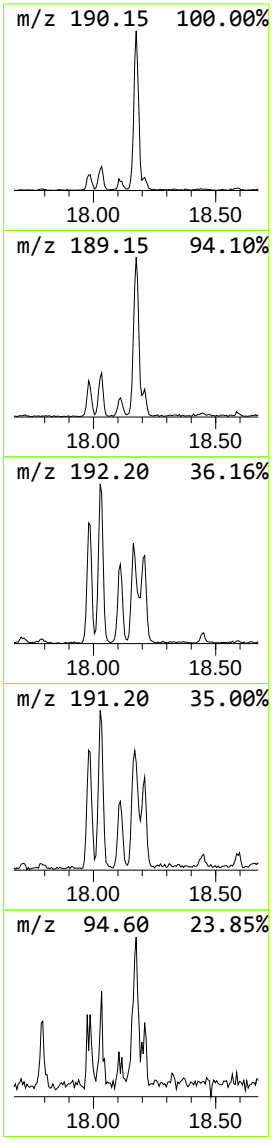
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	13.19 ng	172078	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27





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Sample : M1954-01 5X
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

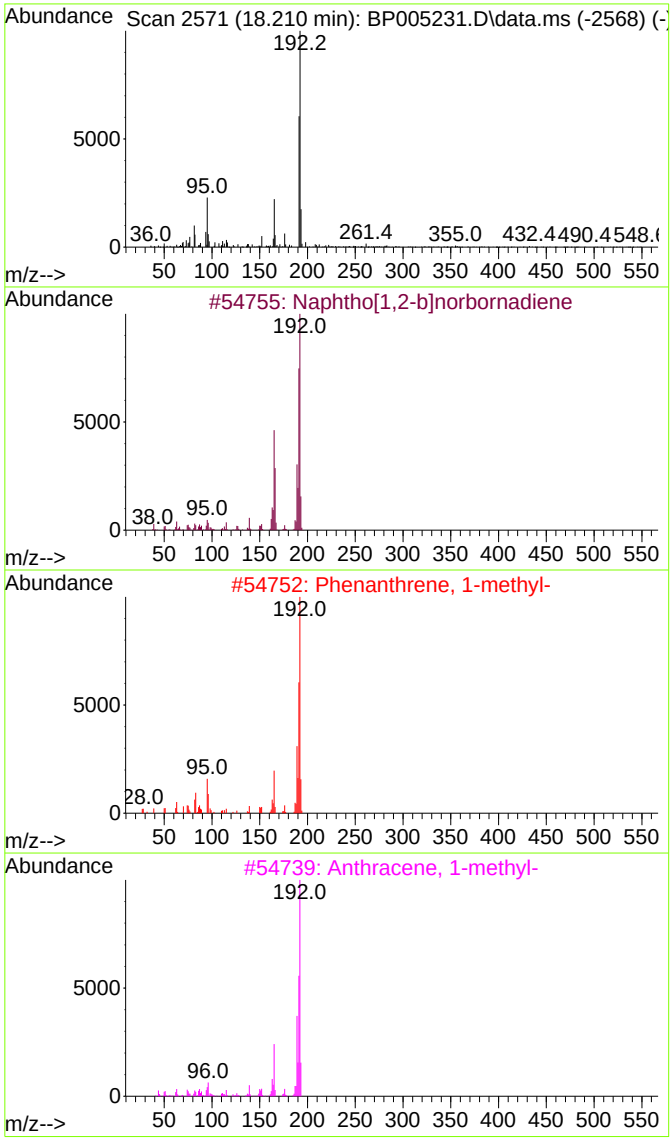
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

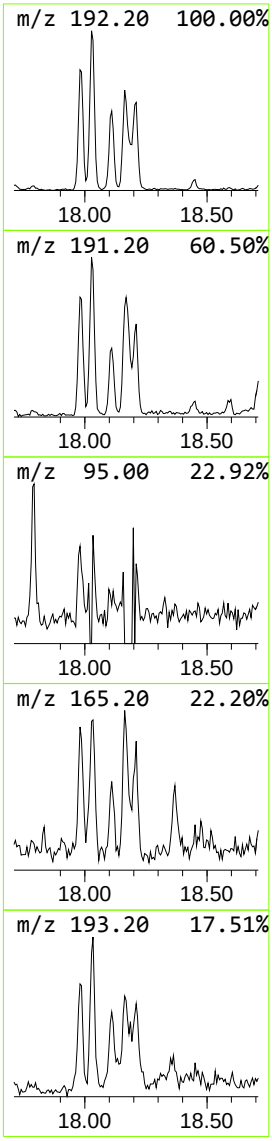
****

Peak Number 12 Naphtho[1,2-b]norbornadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	4.27 ng	55707	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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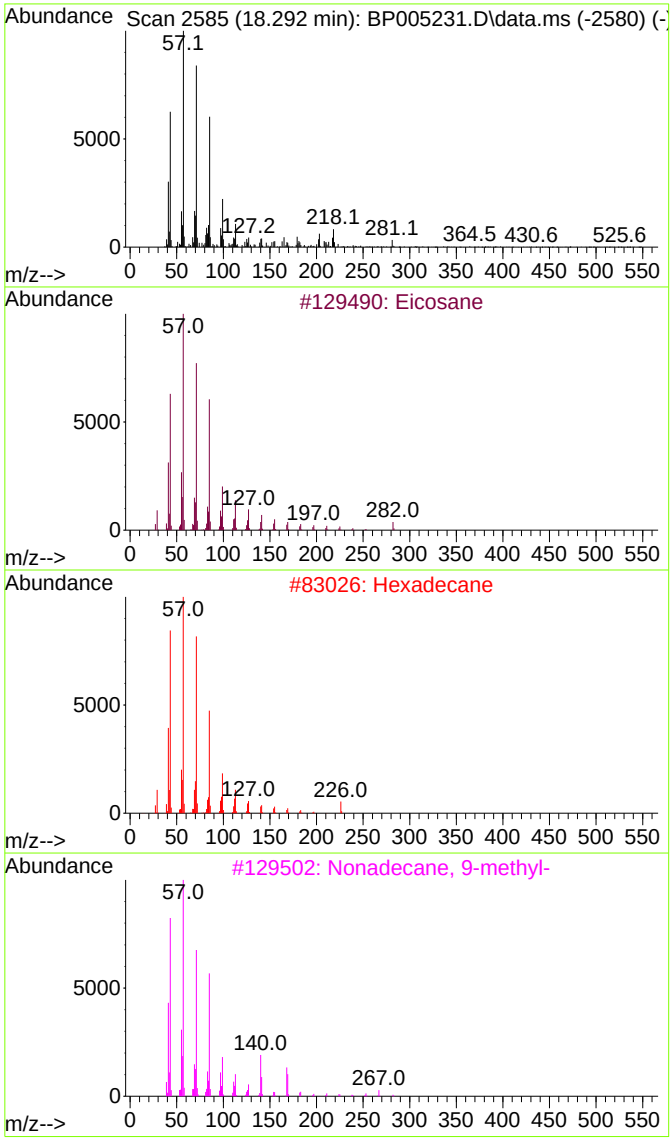
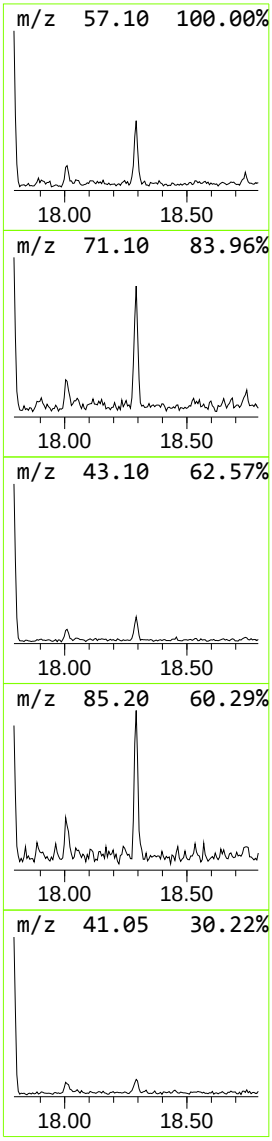
Peak Number 13 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	3.65 ng	47580	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
4	Hexacosane	366	C26H54	000630-01-3	80
5	Heneicosane	296	C21H44	000629-94-7	80





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Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

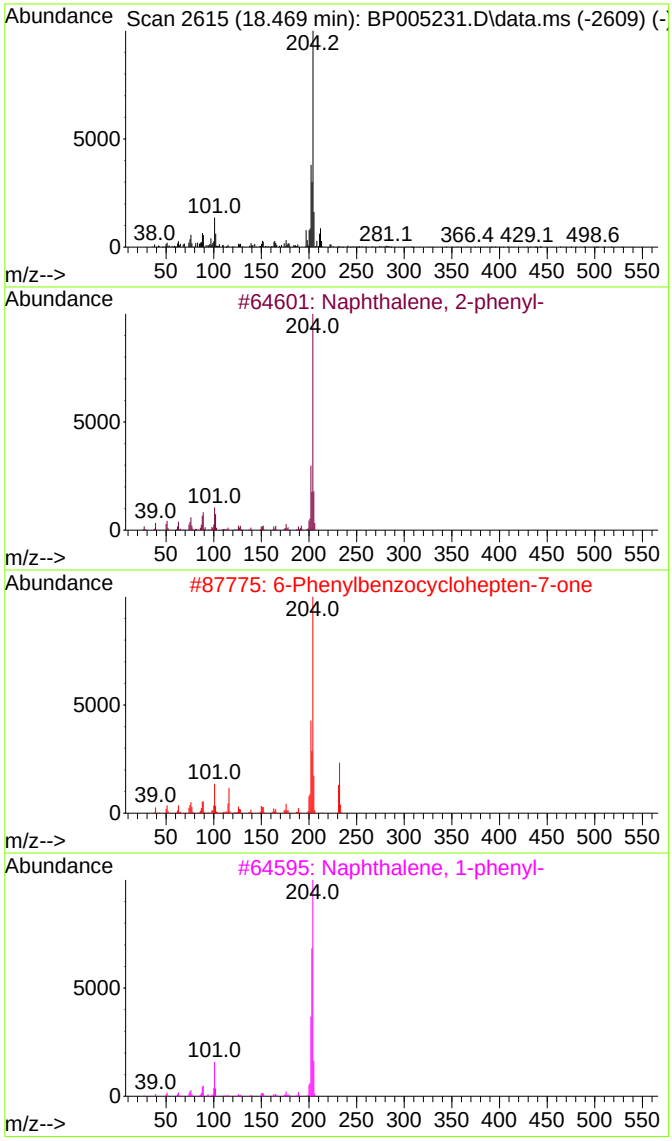
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

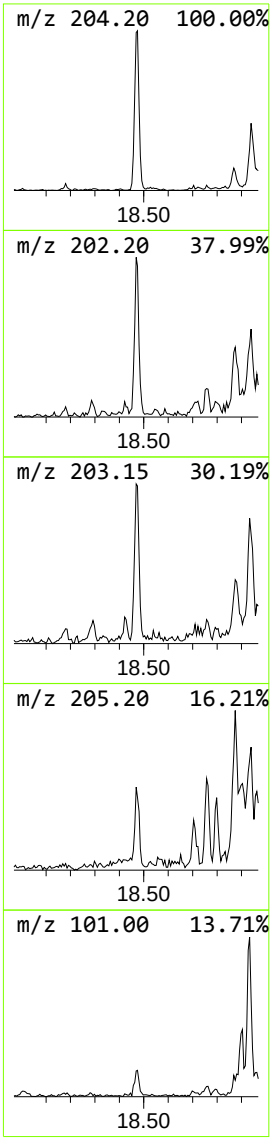
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	4.16 ng	54272	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	78





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

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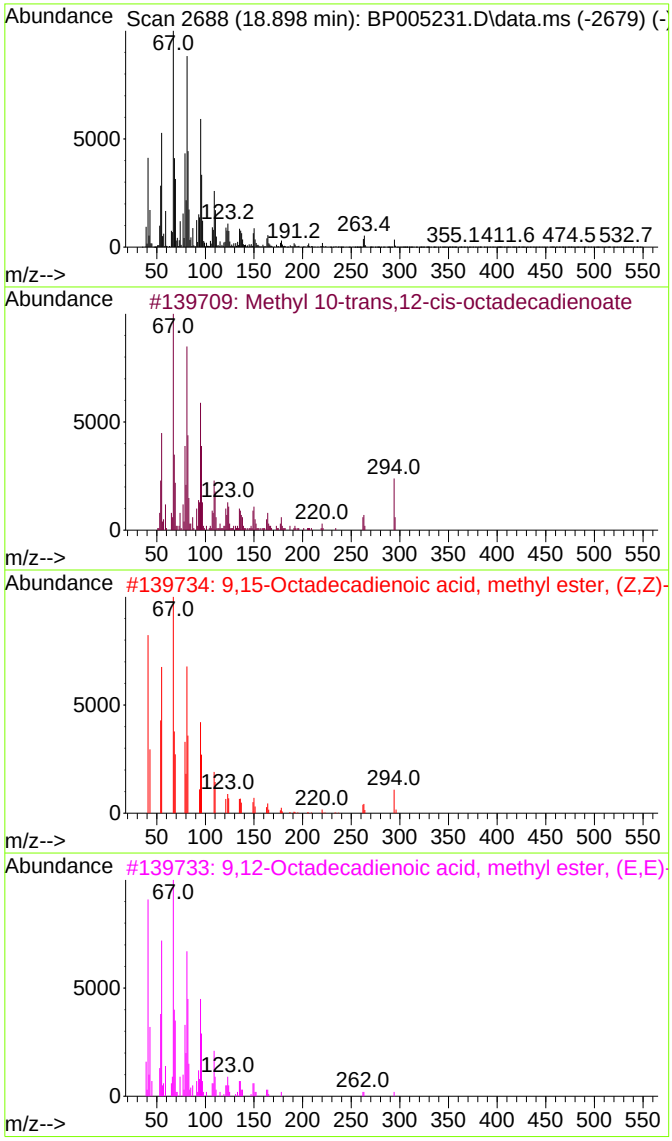
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

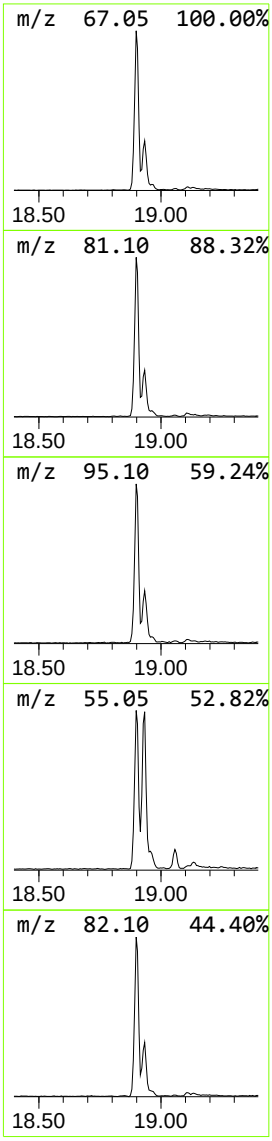
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Methyl 10-trans,12-cis-octa... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	178.66 ng	2331340	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5	cis-7-Dodecen-1-yl acetate	226	C14H26O2	014959-86-5	94





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Instrument : BNA_P
ClientSampleId : SU-03-040621

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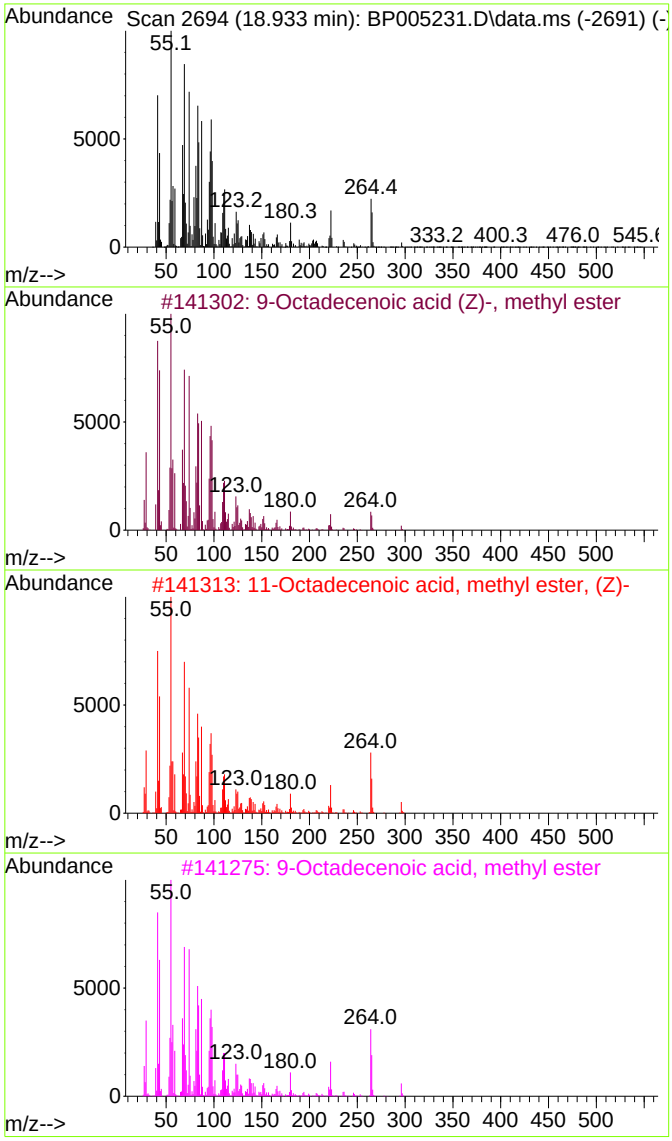
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

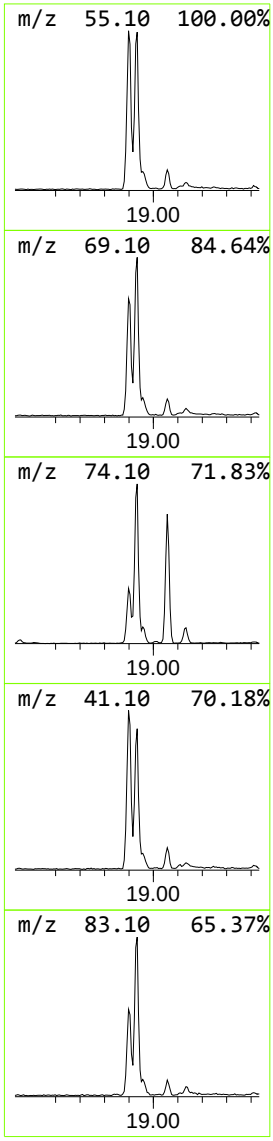
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	106.99 ng	1396130	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99





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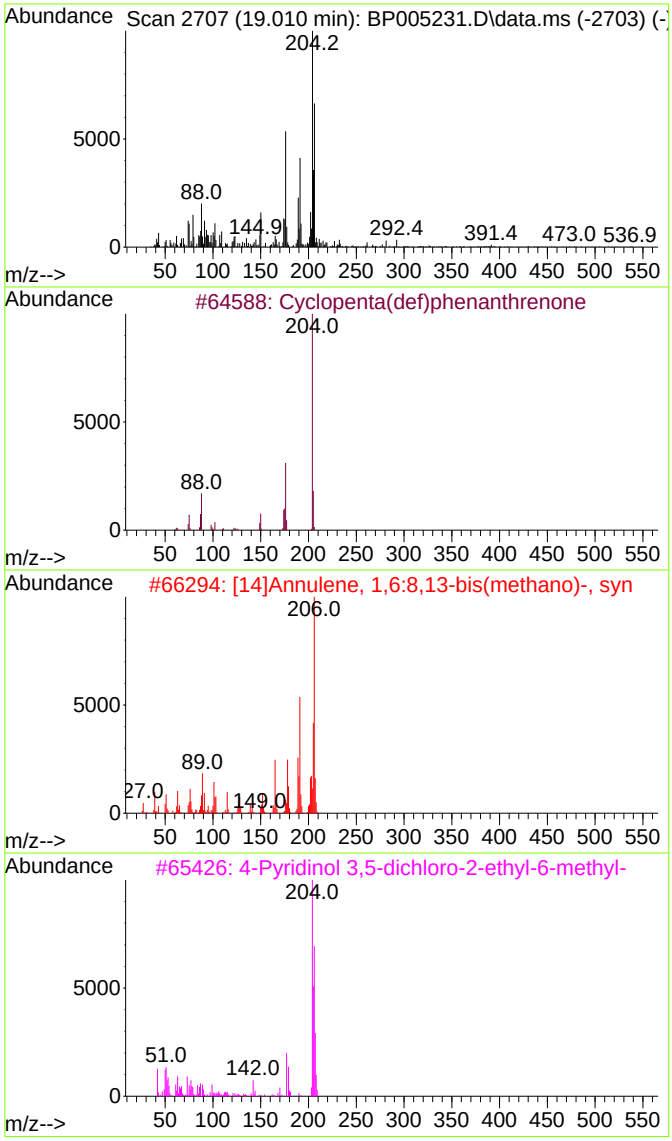
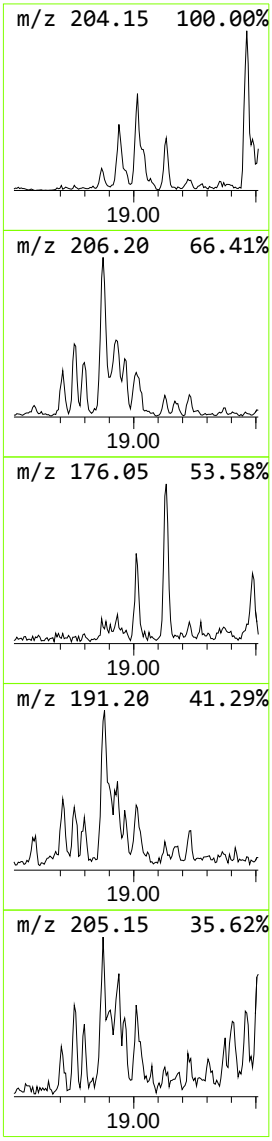
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	4.26 ng	55555	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45
3	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	38
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5	1,4-Naphthalenedione, 5,8-dihydr...	204	C11H8O4	014554-09-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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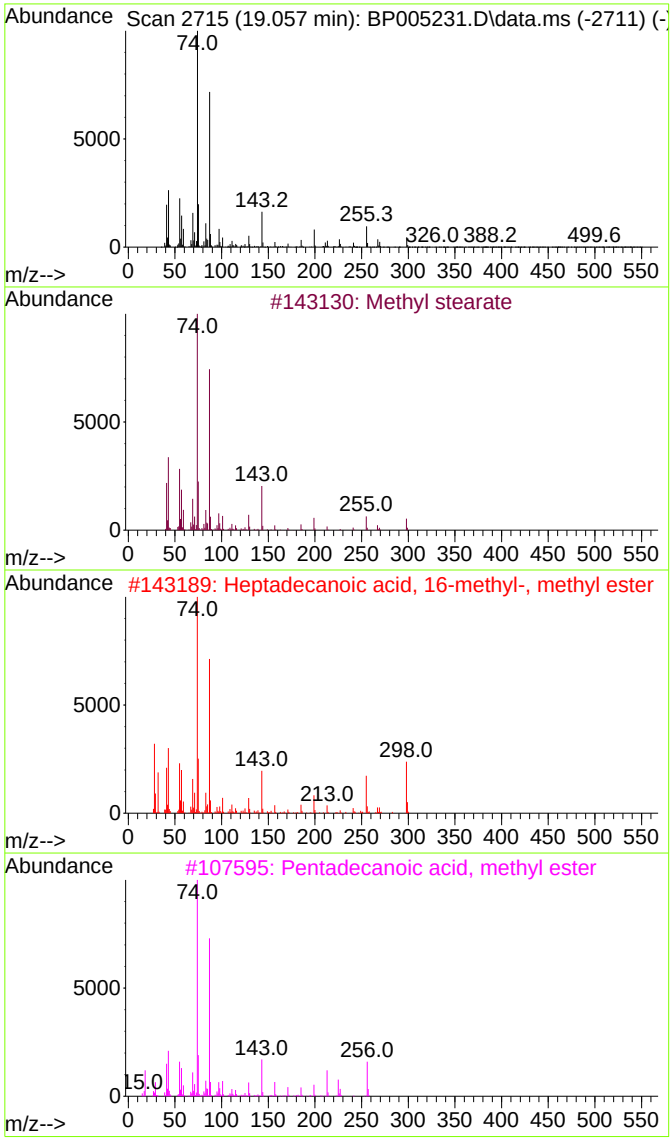
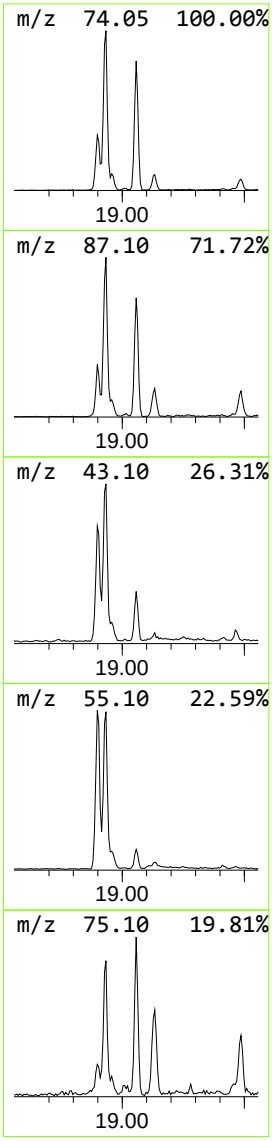
Peak Number 18 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	20.82 ng	271647	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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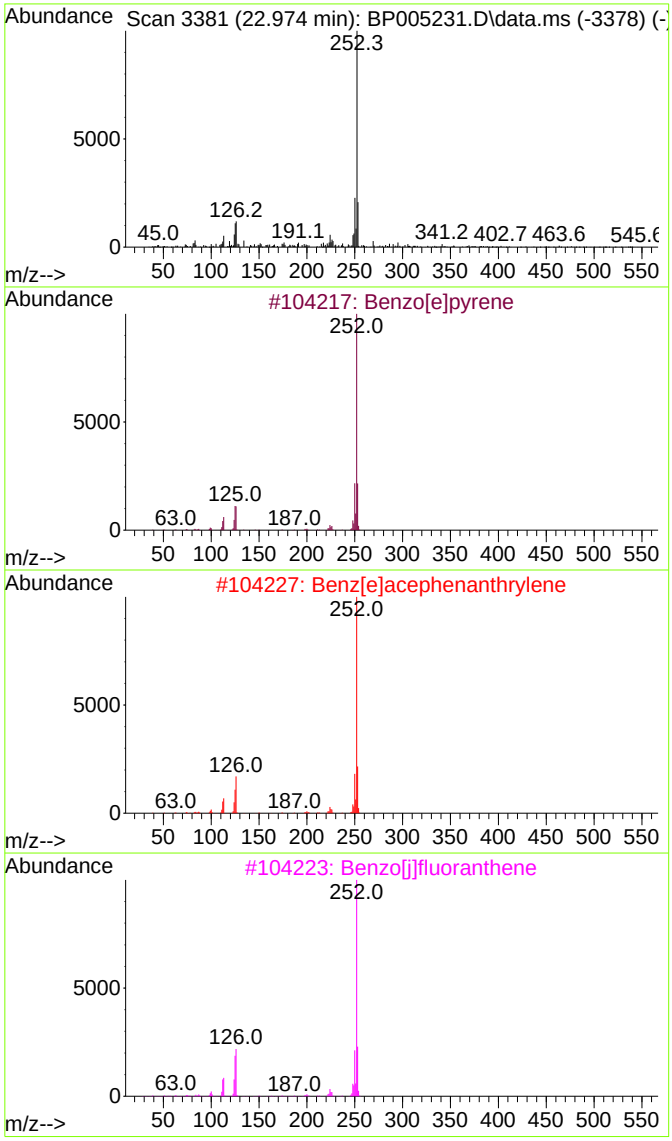
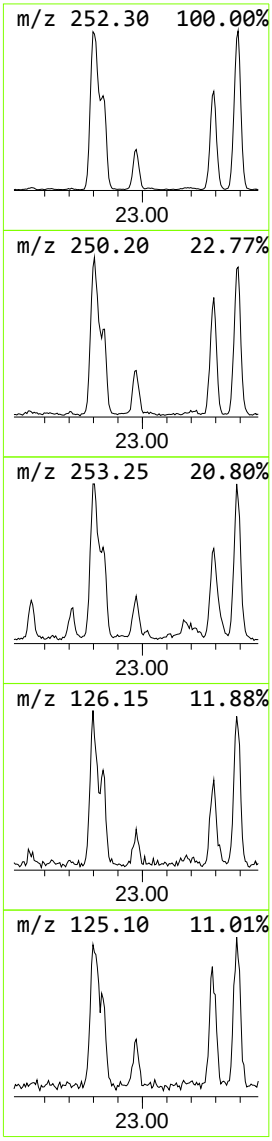
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.974	6.65 ng	91570	Perylene-d12	23.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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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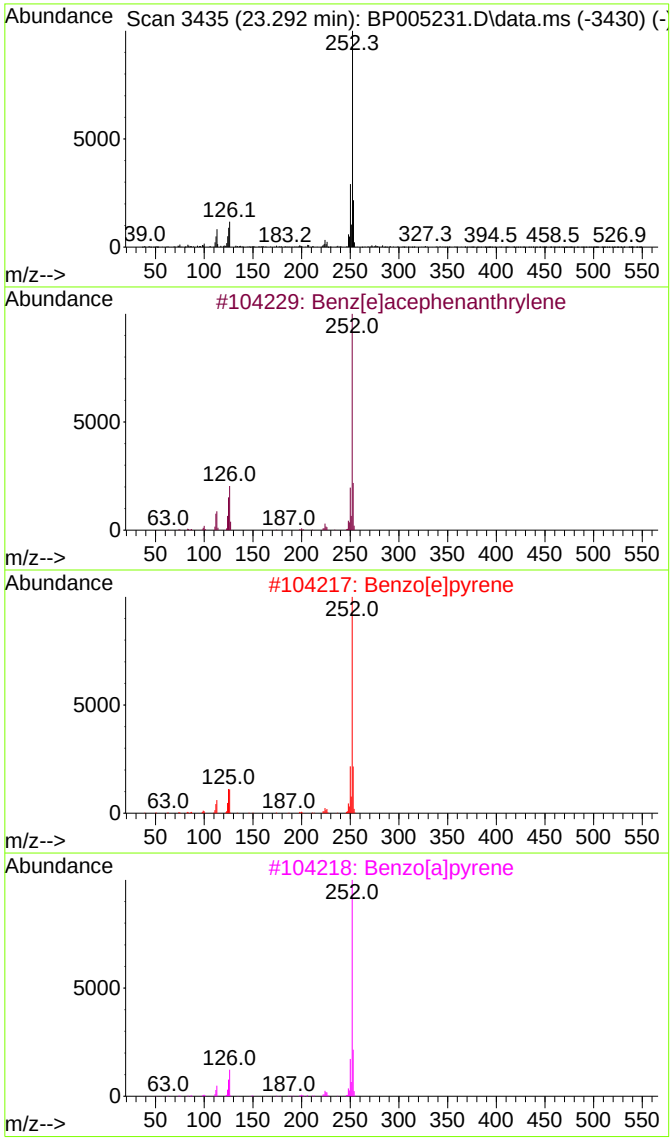
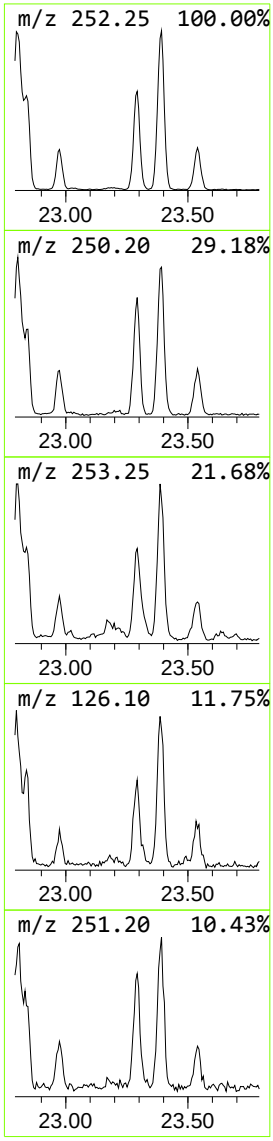
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.292	18.85 ng	259623	Perylene-d12	23.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005231.D
Acq On : 07 Apr 2021 21:07
Operator : CG/JU
Sample : M1954-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-040621

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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
Nonadecane	14.251	3.8	ng	46224	3	14.345	245469	20.0
Bacchotricuneat...	15.210	5.2	ng	63192	3	14.345	245469	20.0
Tridecane	16.075	7.6	ng	99100	4	17.110	260980	20.0
Tridecanol, 2-e...	16.875	3.4	ng	44917	4	17.110	260980	20.0
Dibenzothiophene	16.922	4.5	ng	58864	4	17.110	260980	20.0
Pentadecane, 8-...	17.616	4.0	ng	51856	4	17.110	260980	20.0
Hexadecanoic ac...	17.792	47.2	ng	616416	4	17.110	260980	20.0
Phenanthrene, 2...	17.980	6.3	ng	82249	4	17.110	260980	20.0
Phenanthrene, 1...	18.028	11.0	ng	143319	4	17.110	260980	20.0
Anthracene, 2-m...	18.110	4.0	ng	51760	4	17.110	260980	20.0
4H-Cyclopenta[d...	18.174	13.2	ng	172078	4	17.110	260980	20.0
Naphtho[1,2-b]n...	18.210	4.3	ng	55707	4	17.110	260980	20.0
Eicosane	18.292	3.6	ng	47580	4	17.110	260980	20.0
Naphthalene, 2-...	18.469	4.2	ng	54272	4	17.110	260980	20.0
Methyl 10-trans...	18.898	178.7	ng	2331340	4	17.110	260980	20.0
9-Octadecenoic ...	18.933	107.0	ng	1396130	4	17.110	260980	20.0
Cyclopenta(def)...	19.010	4.3	ng	55555	4	17.110	260980	20.0
Methyl stearate	19.057	20.8	ng	271647	4	17.110	260980	20.0
Benzo[e]pyrene	22.974	6.7	ng	91570	6	23.492	275426	20.0
Benzo[j]fluoran...	23.292	18.9	ng	259623	6	23.492	275426	20.0