LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

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\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.928	3	7	19	rVB	1635948	2072304	18.32%	1.742%
2	3.087	27	34	45	rBV	114877	212096	1.87%	0.178%
3	3.175	45	49	57	rVB	154160	205057	1.81%	0.172%
4	5.805	489	496	514	rBV	1041569	1585364	14.01%	1.333%
5	7.452	767	776	789	rBV	1009737	1669183	14.75%	1.403%
6	8.281	910	917	925	rVB	593788	928397	8.21%	0.780%
7	9.446	1102	1115	1122	rBV	650070	1181818	10.45%	0.993%
8	10.534	1293	1300	1305	rBV4	64702	166841	1.47%	0.140%
9	11.116	1390	1399	1404	rBV	740453	1492185	13.19%	1.254%
10	11.163	1404	1407	1416	rVB	209668	342583	3.03%	0.288%
11	11.281	1423	1427	1433	rVB	119203	193224	1.71%	0.162%
12	11.822	1515	1519	1526	rVB4	101770	186741	1.65%	0.157%
13	11.951	1536	1541	1548	rVB4	90343	154829	1.37%	0.130%
14	12.028	1548	1554	1565	rBV7	95230	247457	2.19%	0.208%
15	12.134	1566	1572	1576	rBV	168953	297651	2.63%	0.250%
16	12.293	1594	1599	1607	rBV2	142634	261411	2.31%	0.220%
17	12.510	1629	1636	1641	rBV2	281883	468336	4.14%	0.394%
18	12.751	1668	1677	1682	rVB2	251331	556750	4.92%	0.468%
19	12.969	1708	1714	1717	rBV	190115	355850	3.15%	0.299%
20	13.304	1768	1771	1778	rVB2	119812	169389	1.50%	0.142%
21	13.451	1792	1796	1802	rVB2	279269	419423	3.71%	0.353%
22	13.528	1803	1809	1817	rVV	1496808	2183695	19.30%	1.836%
23	13.728	1838	1843	1851	rBV2	472118	779753	6.89%	0.655%
24	13.857	1861	1865	1869	rVB	111606	163780	1.45%	0.138%
25	14.069	1897	1901	1907	rBV3	133067	235169	2.08%	0.198%
26	14.234	1924	1929	1934	rBV3	158025	251187	2.22%	0.211%
27	14.281	1934	1937	1941	rVB2	155597	215798	1.91%	0.181%
28	14.328	1941	1945	1947	rBV	239566	293326	2.59%	0.247%
29	14.381	1951	1954	1957	rVB	262640	313037	2.77%	0.263%
30	14.416	1957	1960	1964	rVB2	139646	163507	1.45%	0.137%
31	14.628	1991	1996	2002	rBV	828713	1190135	10.52%	1.000%
32	14.787	2019	2023	2032	rVB	549378	730527	6.46%	0.614%
33	14.863	2032	2036	2039	rBV2	138800	213665	1.89%	0.180%
34	14.904	2039	2043	2049	rVB	1024843	1552484	13.72%	1.305%
35	14.969	2050	2054	2060	rBV3	110804	179362	1.59%	0.151%
36	15.298	2105	2110	2115	rVB	312887	467760	4.13%	0.393%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

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\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.728	2179	2183	2187	rVB	616833	721516	6.38%	0.606%
38	15.769	2187	2190	2198	rVB4	88715	160763	1.42%	0.135%
39	15.945	2214	2220	2230	rBV	639207	1054680	9.32%	0.887%
40	16.140	2245	2253	2261	rVB2	244032	555938	4.91%	0.467%
41	16.234	2265	2269	2273	rVB2	114074	177563	1.57%	0.149%
42	16.351	2285	2289	2291	rBV2	154426	206573	1.83%	0.174%
43	16.387	2291	2295	2301	rVB	1076565	1547905	13.68%	1.301%
44	16.587	2324	2329	2331	rBV	638061	834571	7.38%	0.702%
45	16.616	2331	2334	2340	rVB2	353486	471298	4.17%	0.396%
46	16.939	2383	2389	2394	rBV3	154540	390500	3.45%	0.328%
47	16.992	2395	2398	2403	rVB3	184767	252823	2.23%	0.213%
48	17.092	2411	2415	2420	rVB2	139882	199489	1.76%	0.168%
49	17.369	2458	2462	2467	rBV	658442	834608	7.38%	0.702%
50	17.434	2468	2473	2475	rVV	271544	437459	3.87%	0.368%
51	17.457	2475	2477	2484	rVB	256823	341240	3.02%	0.287%
52	17.639	2502	2508	2511	rBV	1227002	1766394	15.61%	1.485%
53	17.681	2511	2515	2522	rVV	3514679	5149790	45.52%	4.329%
54	17.769	2525	2530	2535	rVB	978552	1334133	11.79%	1.121%
55	17.904	2550	2553	2560	rBV3	98680	199273	1.76%	0.168%
56	18.022	2569	2573	2578	rVB	338512	448470	3.96%	0.377%
57	18.098	2582	2586	2589	rVV	629261	737890	6.52%	0.620%
58	18.134	2589	2592	2596	rVB2	365946	428577	3.79%	0.360%
59	18.257	2608	2613	2624	rVB	4885358	5659601	50.03%	4.757%
60	18.351	2625	2629	2635	rBV4	69358	161717	1.43%	0.136%
61	18.486	2647	2652	2656	rBV	629171	926705	8.19%	0.779%
62	18.534	2656	2660	2665	rVB	644386	902801	7.98%	0.759%
63	18.610	2670	2673	2678	rVV	261902	348624	3.08%	0.293%
64	18.681	2679	2685	2688	rVV2	850875	1480651	13.09%	1.245%
65	18.710	2688	2690	2694	rVV	349563	404978	3.58%	0.340%
66	18.751	2694	2697	2703	rVB	532385	644492	5.70%	0.542%
67	18.951	2727	2731	2735	rBV	370329	486657	4.30%	0.409%
68	18.992	2735	2738	2748	rVB2	273764	443480	3.92%	0.373%
69	19.192	2769	2772	2776	rVB	171762	206620	1.83%	0.174%
70	19.245	2778	2781	2784	rVV	151456	167154	1.48%	0.141%
71	19.339	2792	2797	2799	rBV	6944901	8094922	71.55%	6.804%
72	19.369	2799	2802	2806	rVB	9448296	11313526	100.00%	9.510%
73	19.492	2819	2823	2830	rBV	2167446	2492178	22.03%	2.095%
74	19.616	2839	2844	2849	rVB	4523159	6104010	53.95%	5.131%
75	19.757	2864	2868	2872	rBV	592650	817134	7.22%	0.687%
76	19.839	2878	2882	2886	rBV3	288231	538110	4.76%	0.452%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

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\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.898	2889	2892	2894	rVV	376473	400577	3.54%	0.337%
78	19.933	2894	2898	2900	rVV2	518015	774944	6.85%	0.651%
79	19.969	2900	2904	2911	rVB	4060752	5291459	46.77%	4.448%
80	20.028	2911	2914	2919	rBV2	205833	293021	2.59%	0.246%
81	20.133	2928	2932	2938	rVB2	2381928	3003775	26.55%	2.525%
82	20.192	2939	2942	2946	rBV	200997	267508	2.36%	0.225%
83	20.275	2952	2956	2961	rBV4	399141	672562	5.94%	0.565%
84	20.316	2961	2963	2966	rBV2	178797	202588	1.79%	0.170%
85	20.410	2975	2979	2980	rBV2	527666	579401	5.12%	0.487%
86	20.433	2980	2983	2992	rVB	1131249	1628943	14.40%	1.369%
87	20.533	2996	3000	3004	rBV2	937875	1155136	10.21%	0.971%
88	20.592	3008	3010	3014	rVB	425439	438321	3.87%	0.368%
89	20.728	3031	3033	3036	rBV	223747	235667	2.08%	0.198%
90	20.769	3038	3040	3049	rVB	407842	595241	5.26%	0.500%
91	20.880	3056	3059	3063	rVB	341355	364948	3.23%	0.307%
92	21.322	3131	3134	3137	rBV	750920	807243	7.14%	0.679%
93	21.398	3144	3147	3151	rBV2	438113	527597	4.66%	0.443%
94	21.663	3187	3192	3197	rBV2	2648722	5622816	49.70%	4.726%
95	21.710	3197	3200	3207	rVB	1966597	2814238	24.87%	2.366%
96	21.892	3228	3231	3234	rBV	236860	299831	2.65%	0.252%
97	23.410	3483	3489	3494	rBV	1622087	4071246	35.99%	3.422%
98	23.945	3575	3580	3590	rVB	1245300	2754448	24.35%	2.315%
99	24.057	3593	3599	3609	rVB	1681082	3291468	29.09%	2.767%
100	24.163	3612	3617	3622	rBV	708066	1329626	11.75%	1.118%

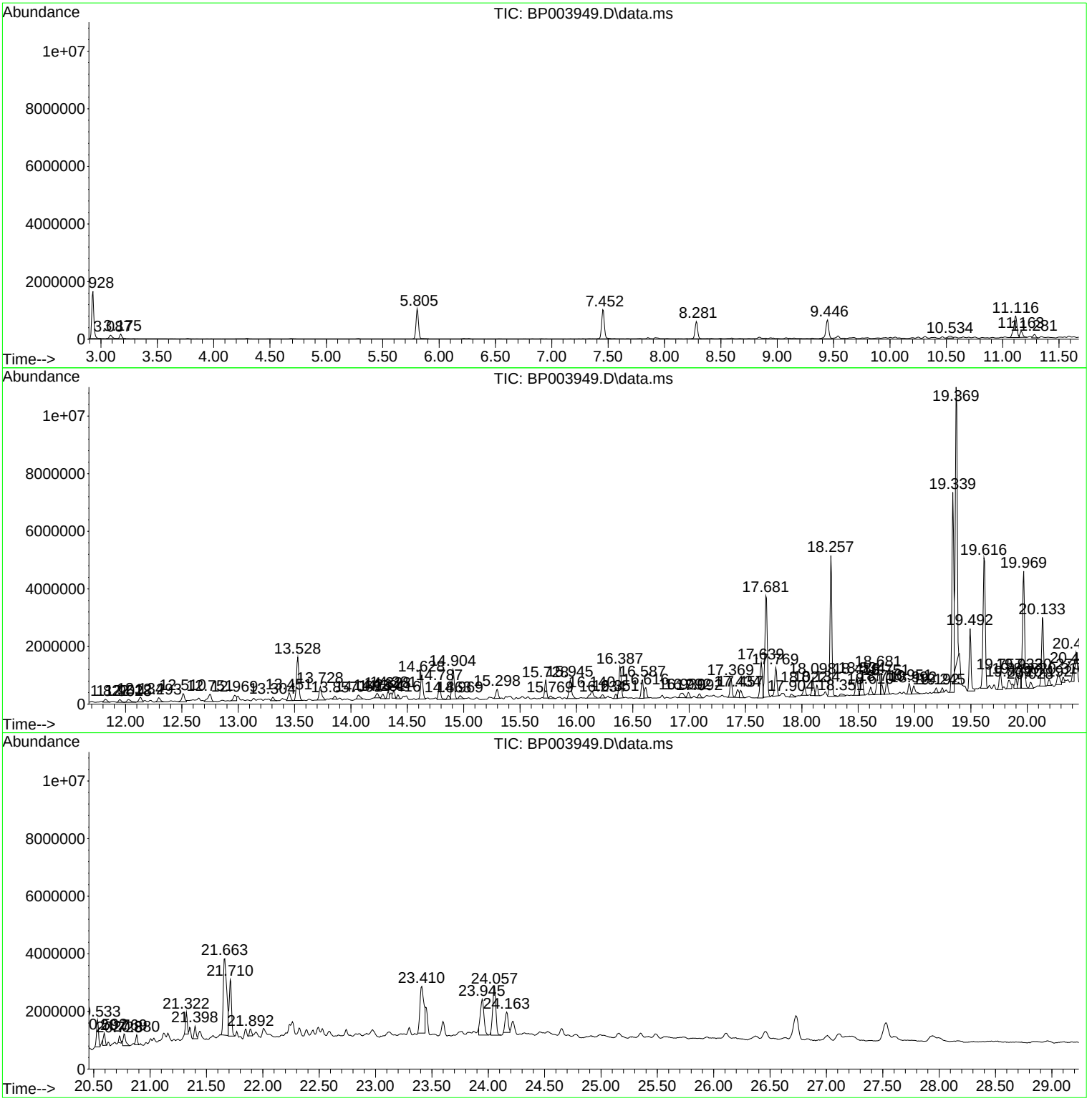
Sum of corrected areas: 118967491

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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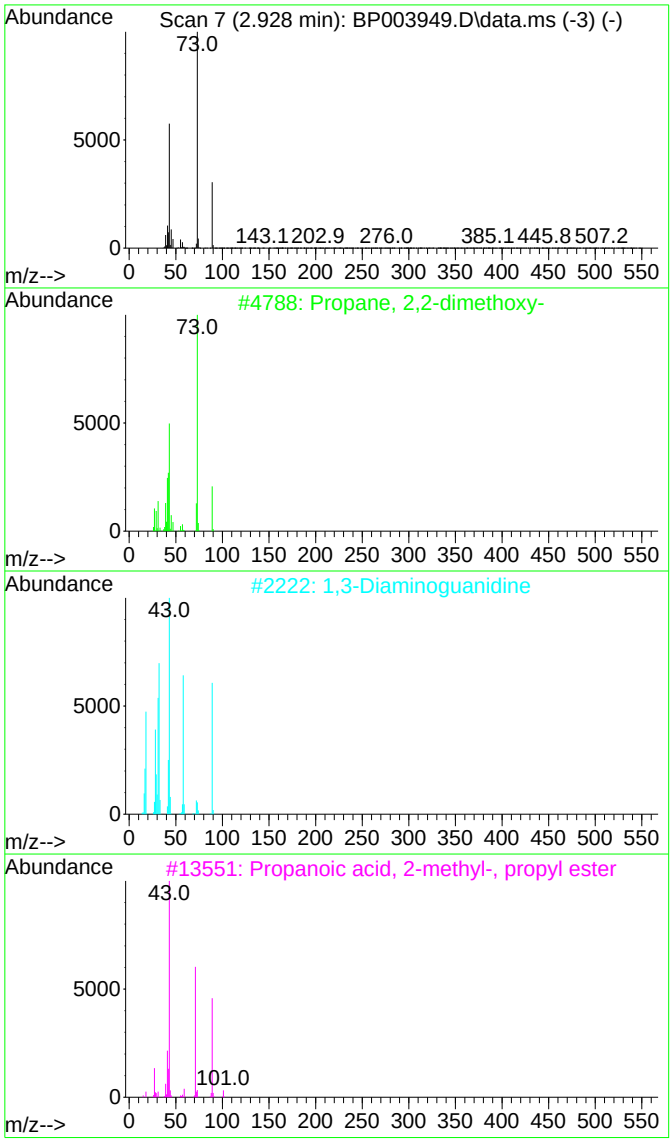
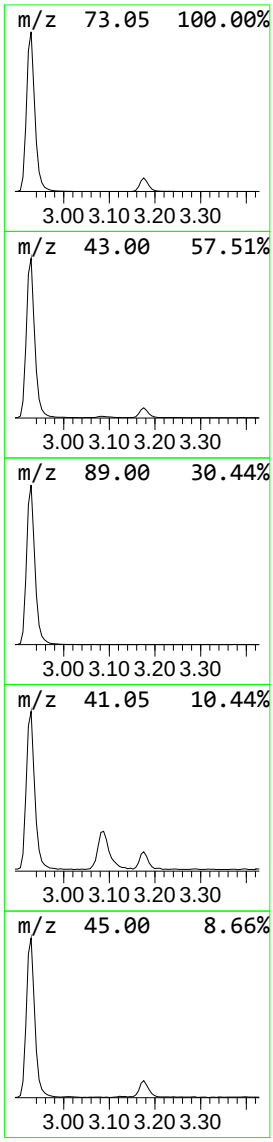
Peak Number 1 unknown2.928 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.928	44.64 ng	2072300	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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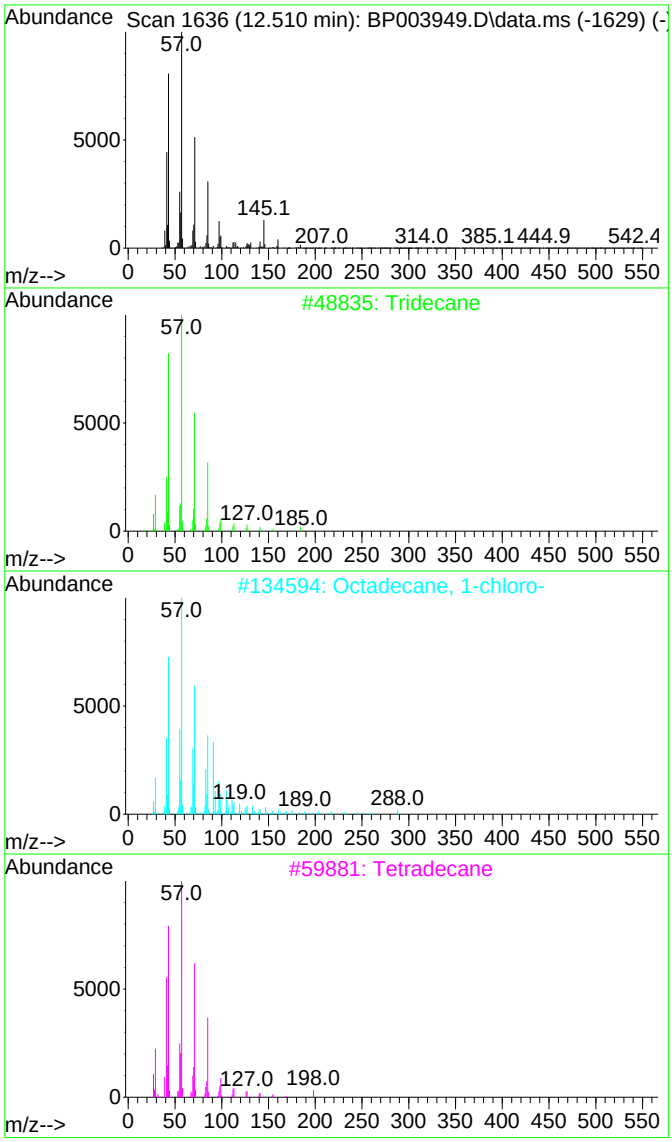
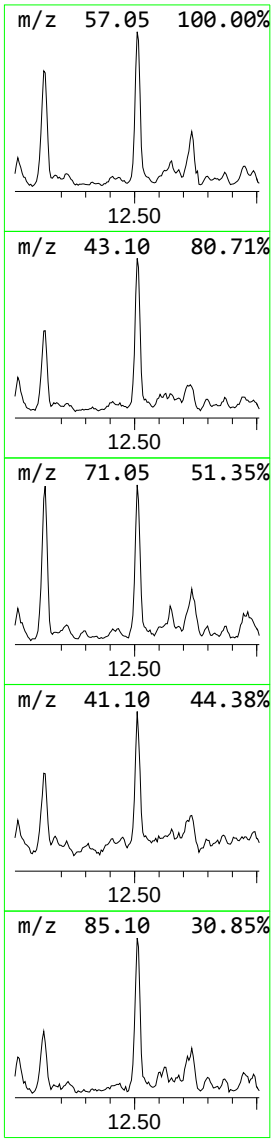
Peak Number 2 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	6.28 ng	468336	Naphthalene-d8	11.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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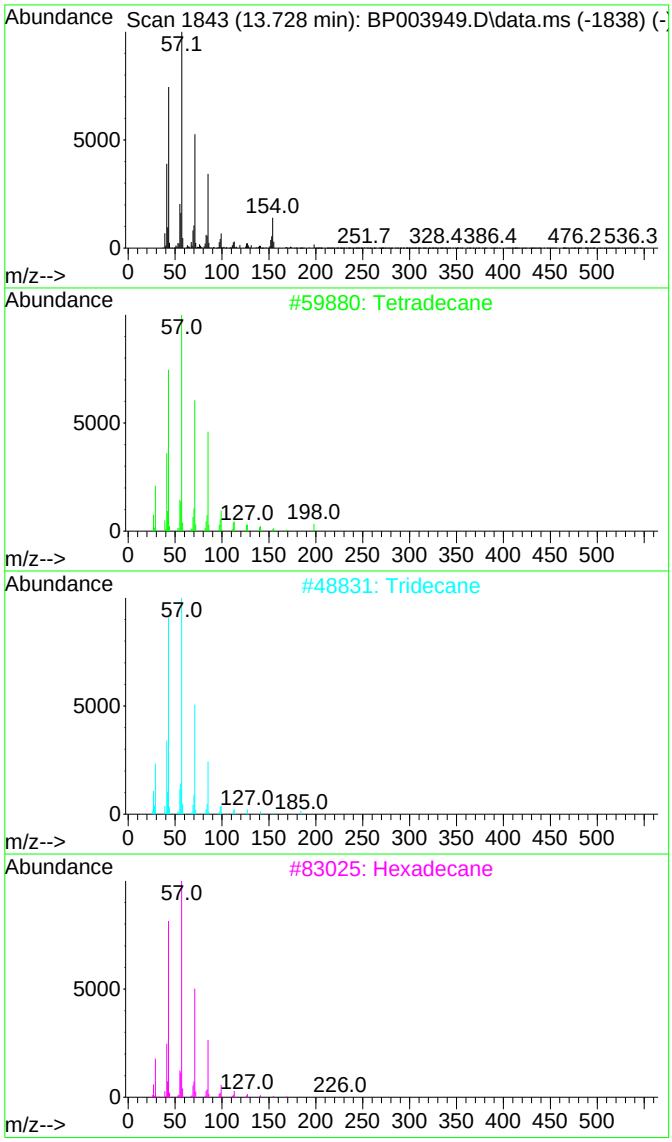
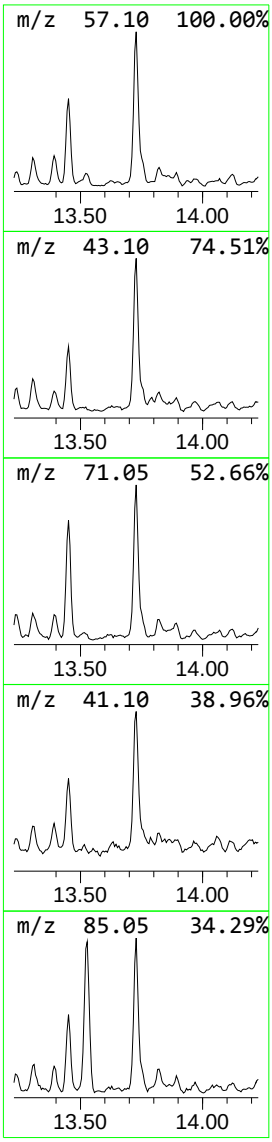
Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.728	10.05 ng	779753	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tridecane	184	C13H28	000629-50-5	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Undecane	156	C11H24	001120-21-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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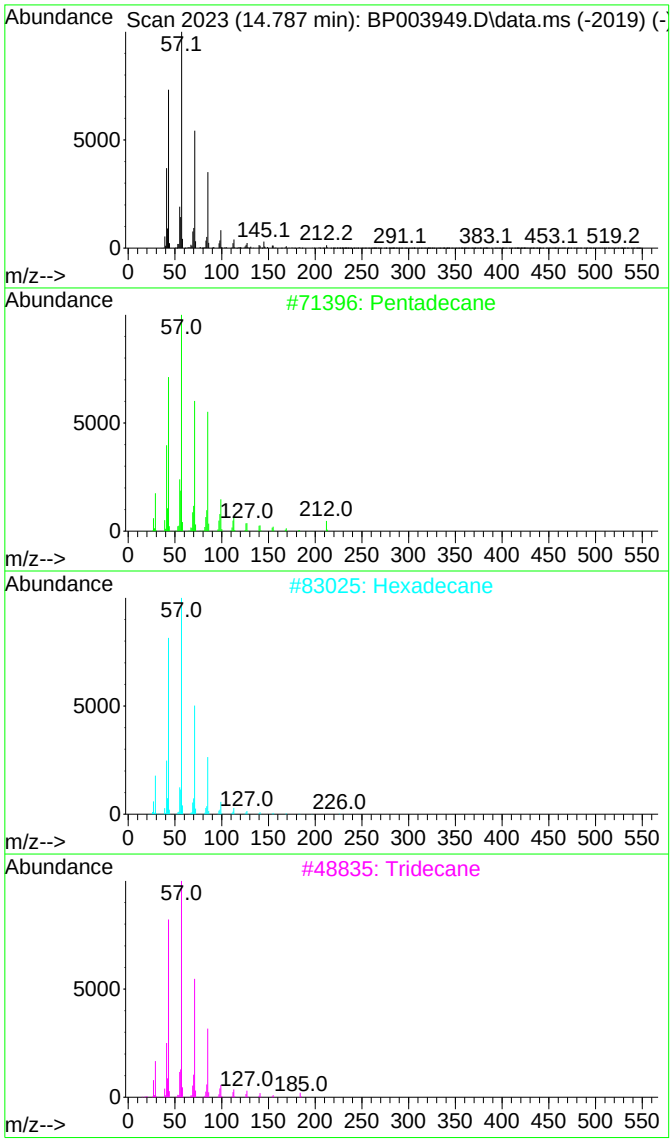
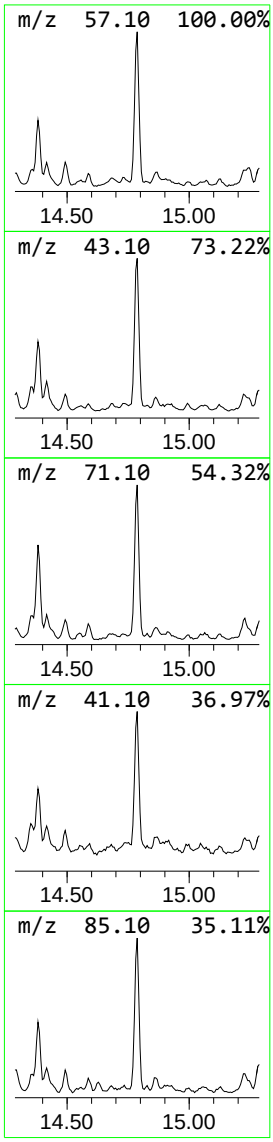
Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	9.41 ng	730527	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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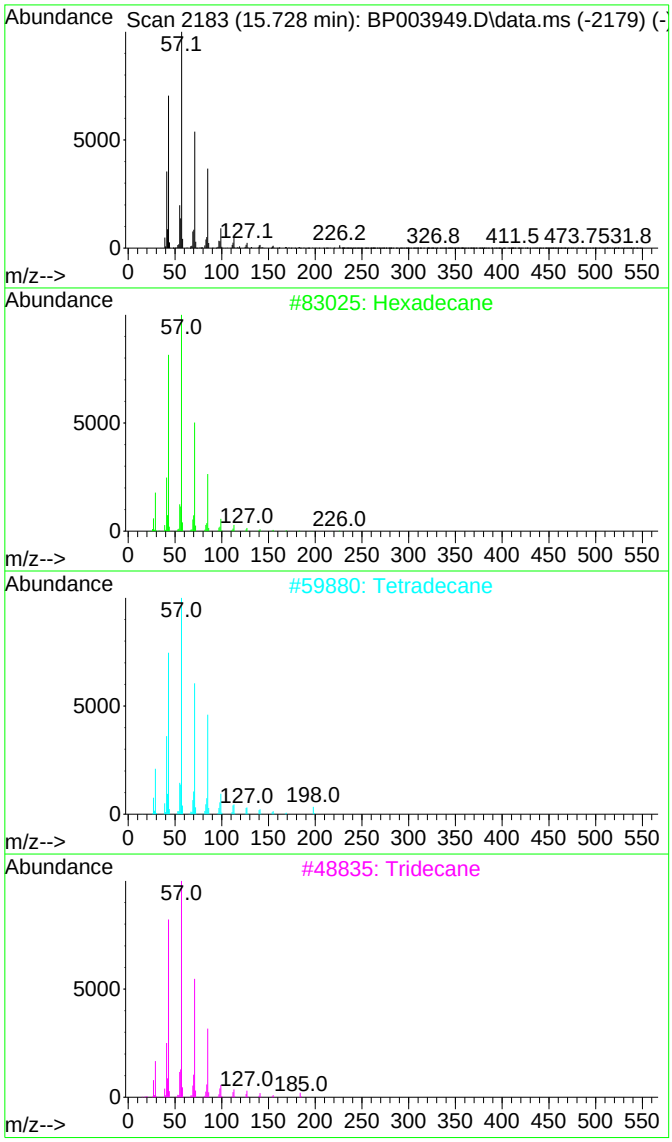
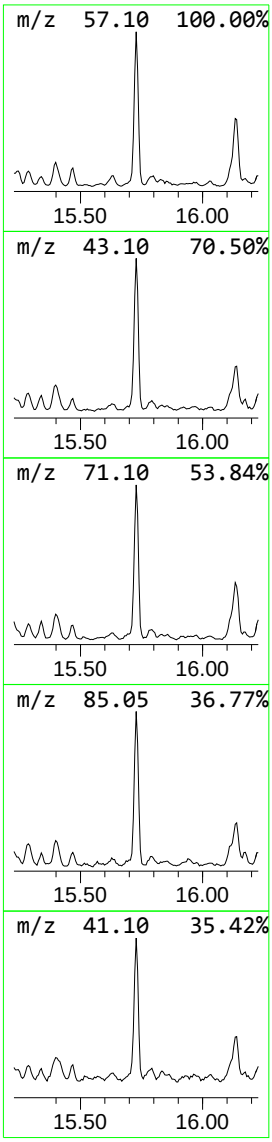
Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	9.29 ng	721516	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72





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Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

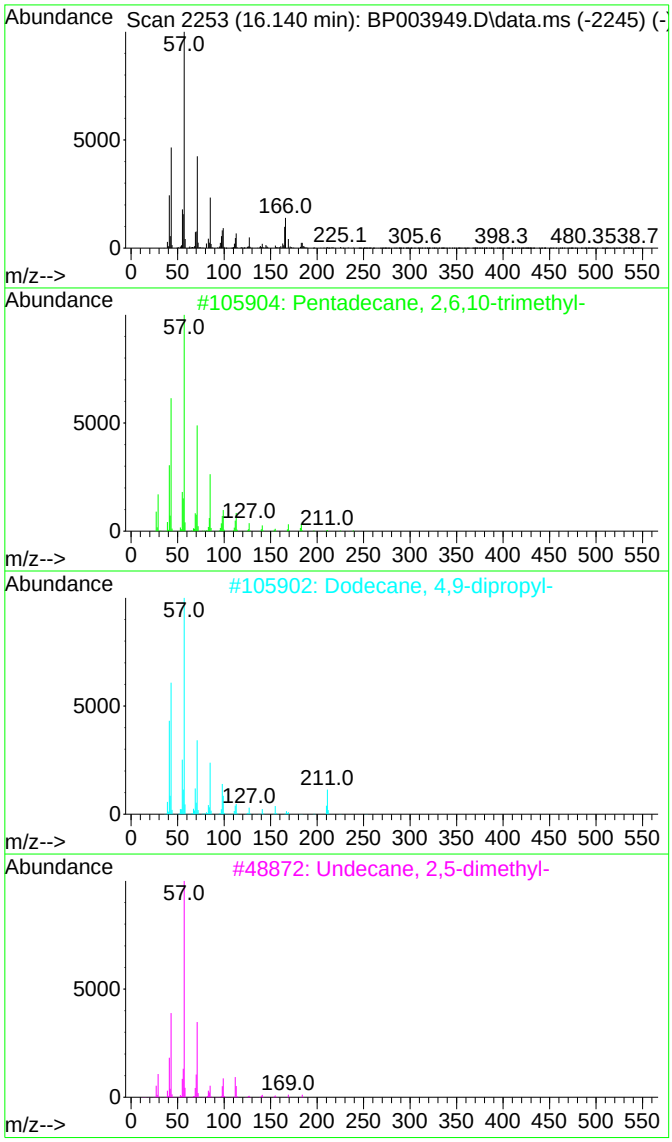
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

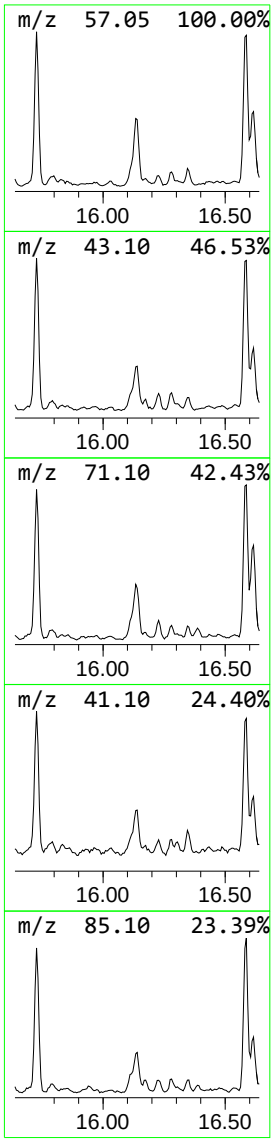
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.140	7.16 ng	555938	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	64
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	60





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Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

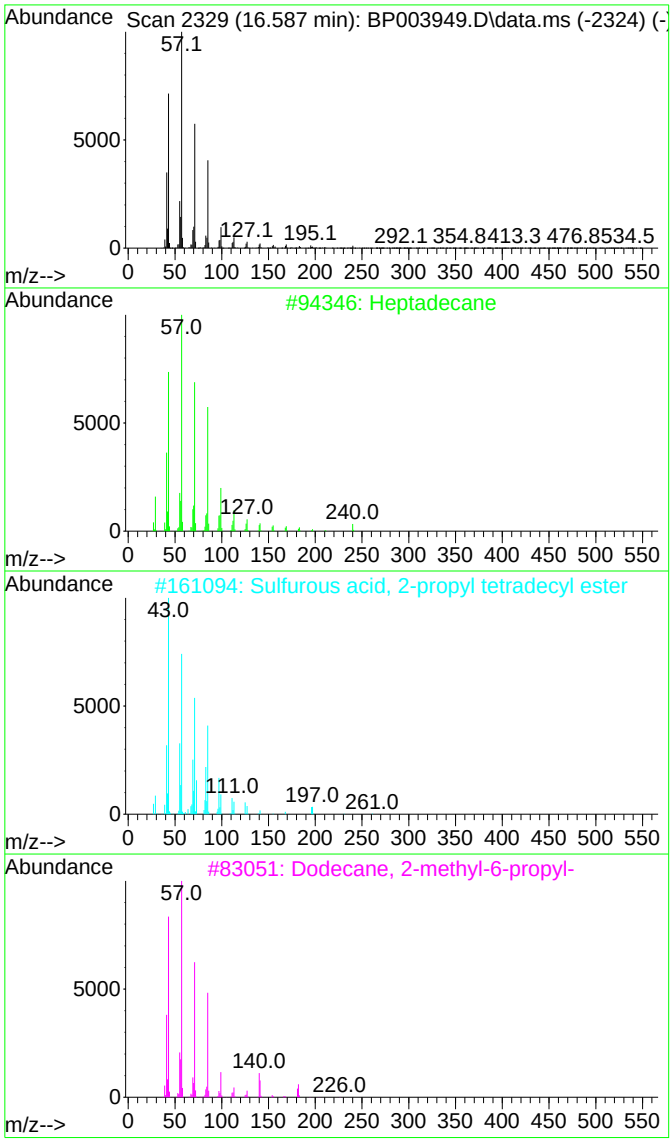
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

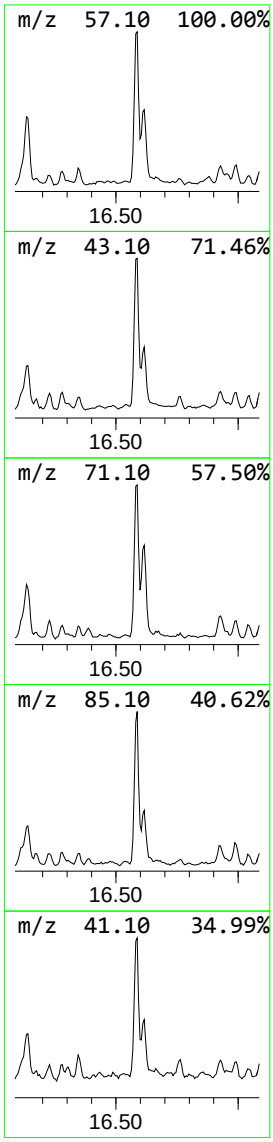
****

Peak Number 7 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.587	9.45 ng	834571	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76





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Data File : BP003949.D
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Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

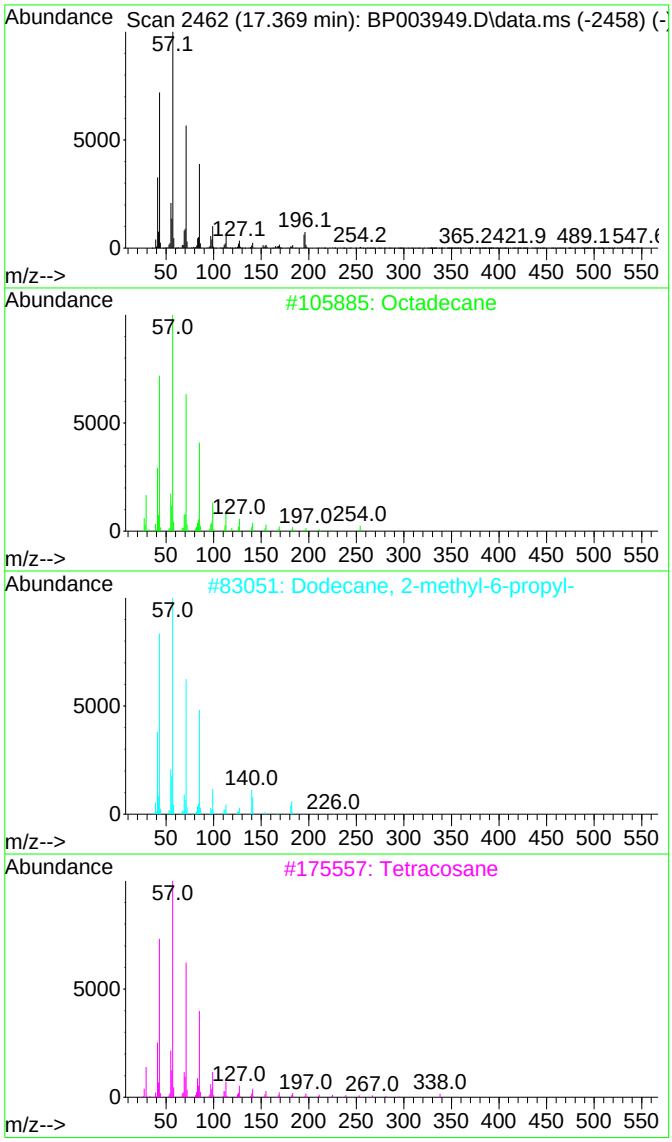
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

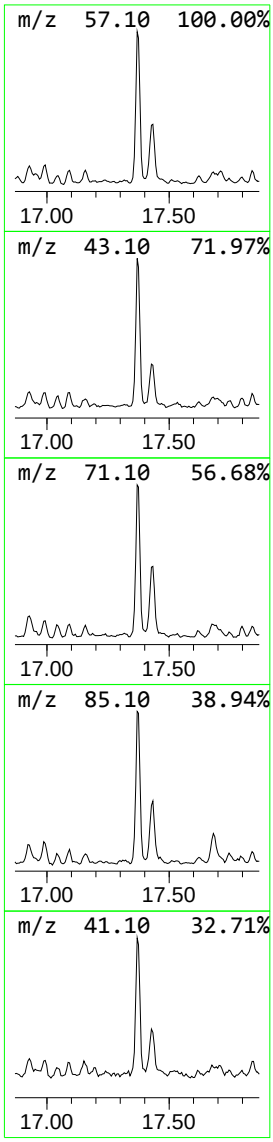
****

Peak Number 8 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.369	9.45 ng	834608	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

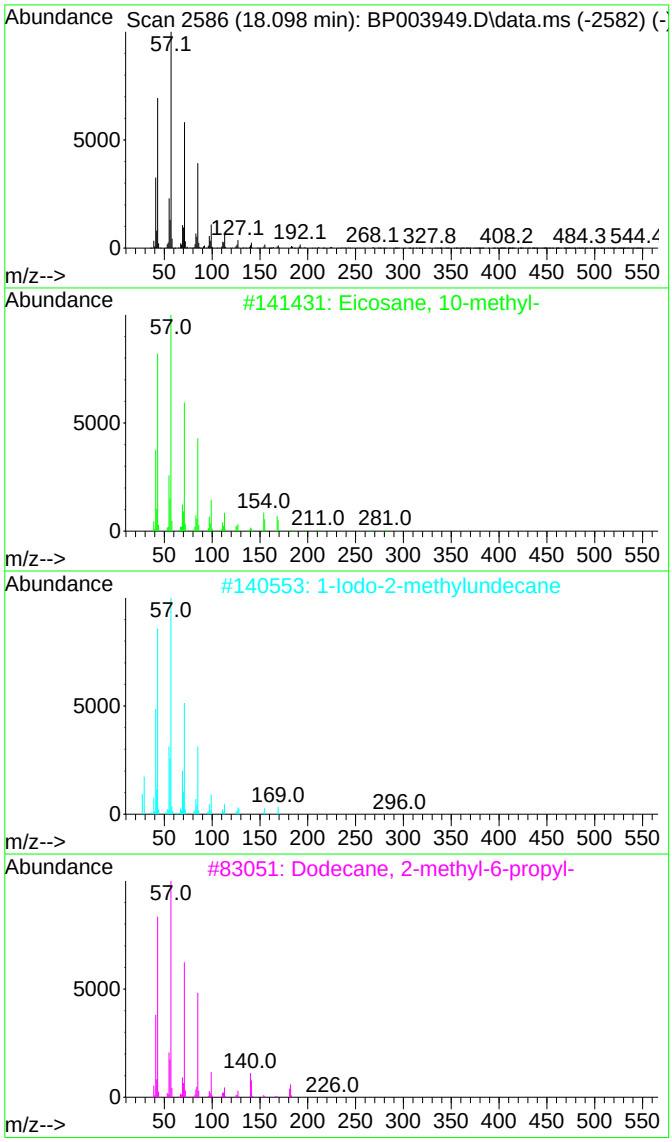
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

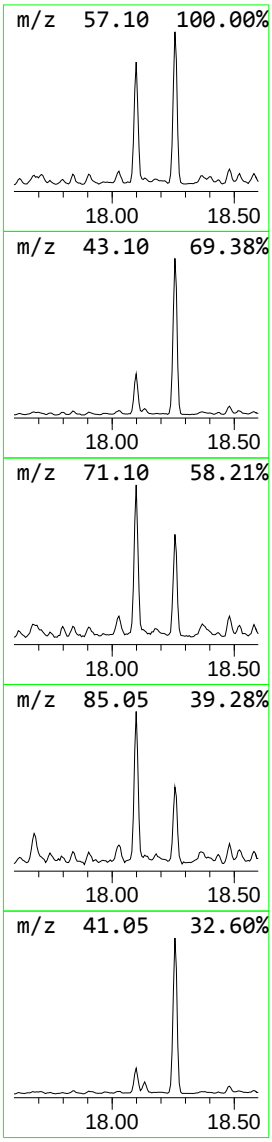
****

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	8.35 ng	737890	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

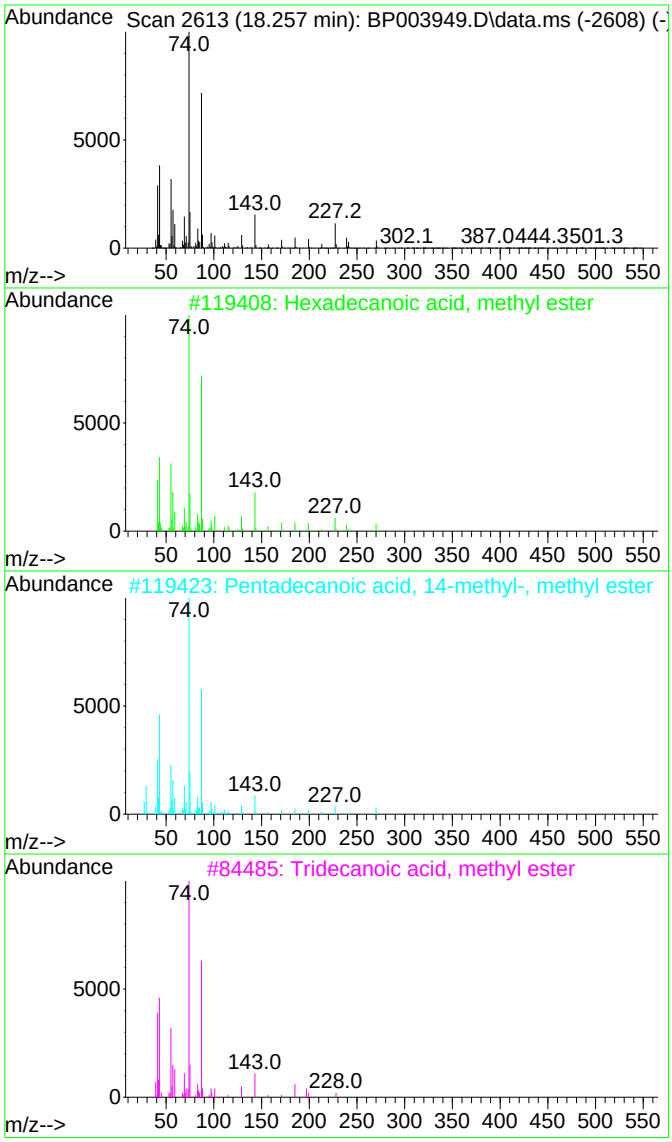
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

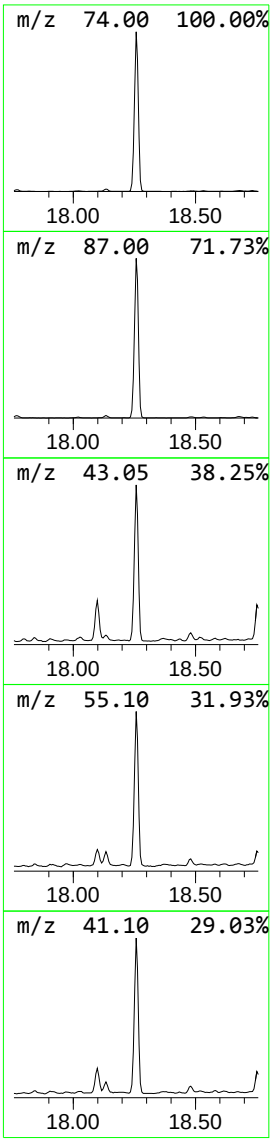
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	64.08 ng	5659600	Phenanthrene-d10	17.639

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

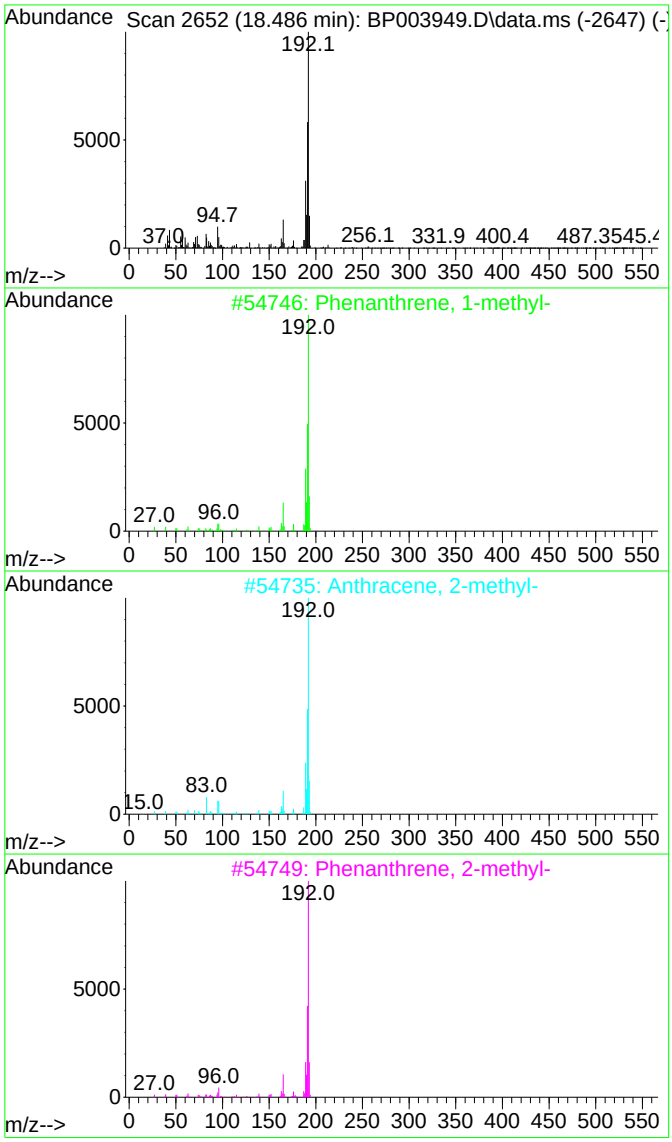
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

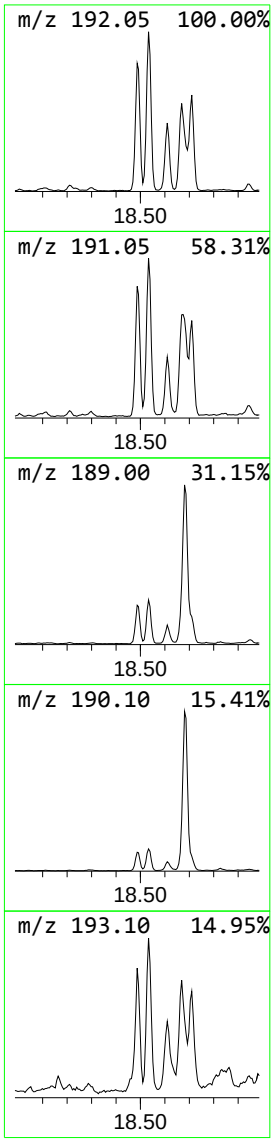
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	10.49 ng	926705	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

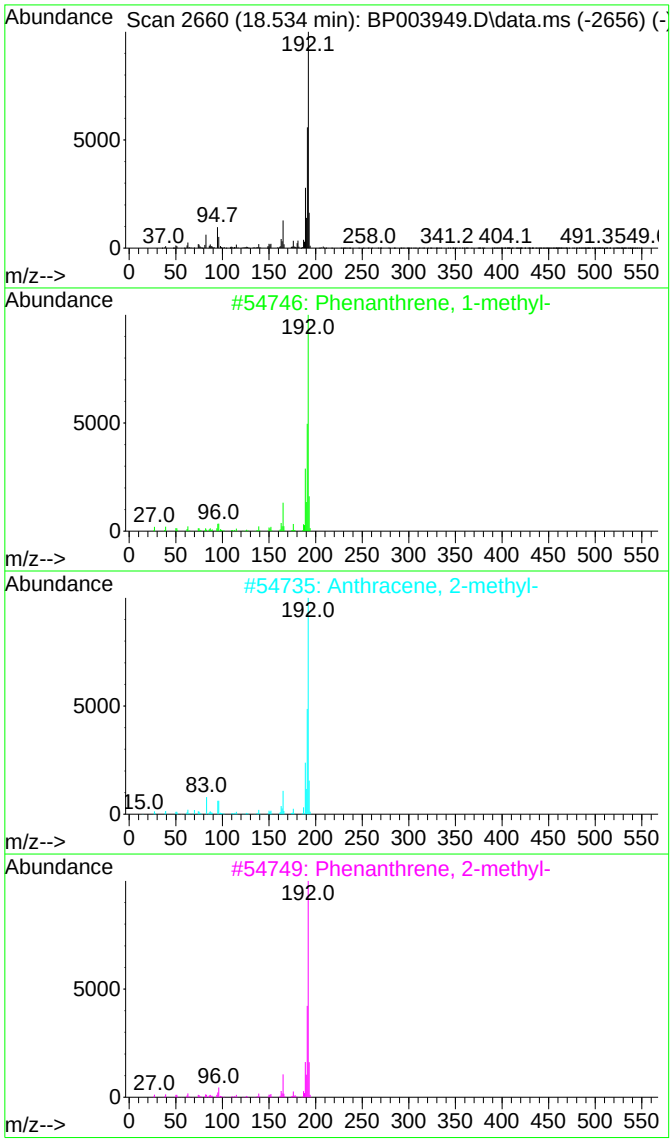
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

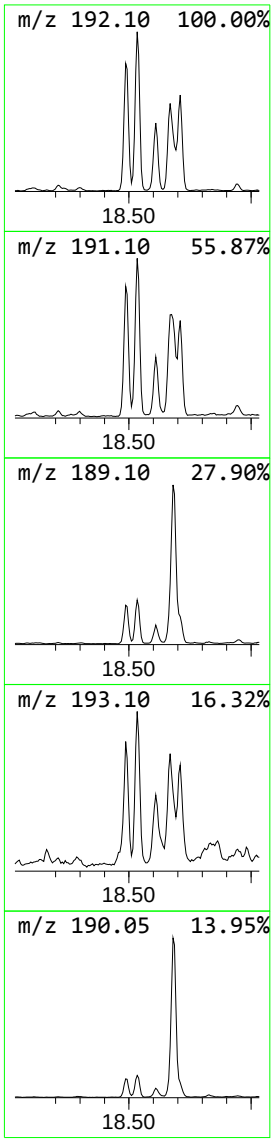
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	10.22 ng	902801	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
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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Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-111120

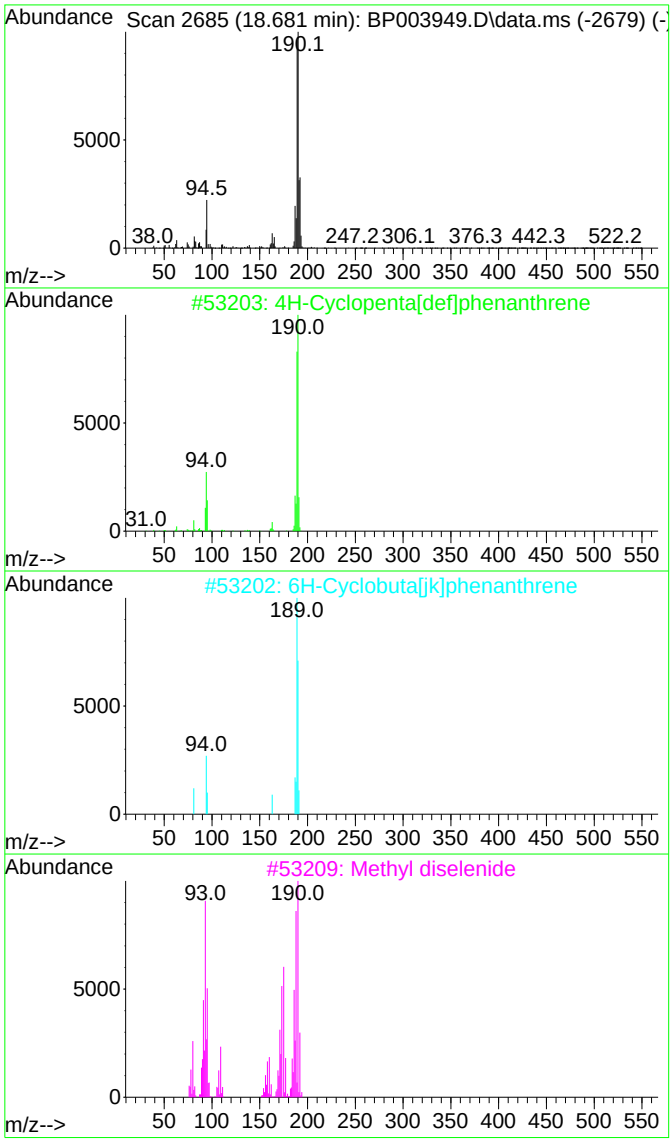
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

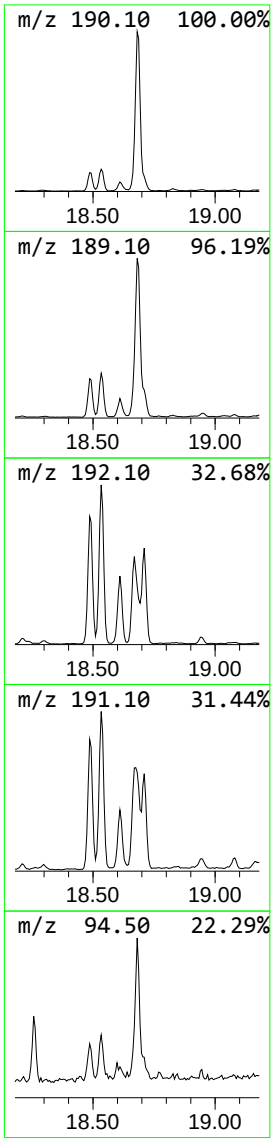
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	16.76 ng	1480650	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

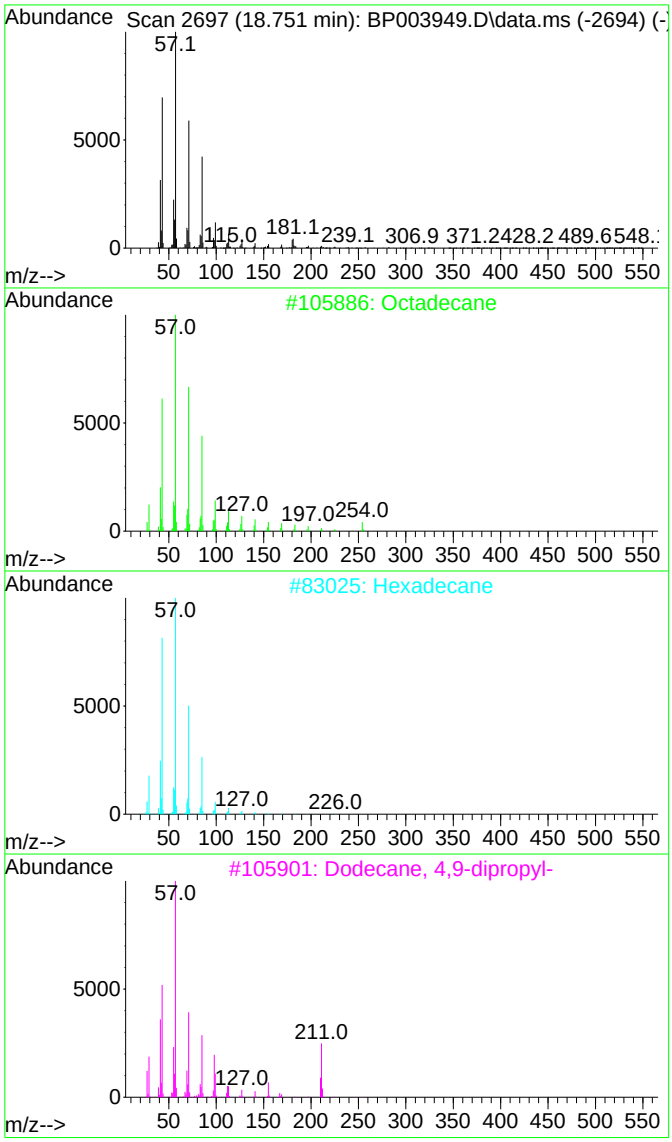
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

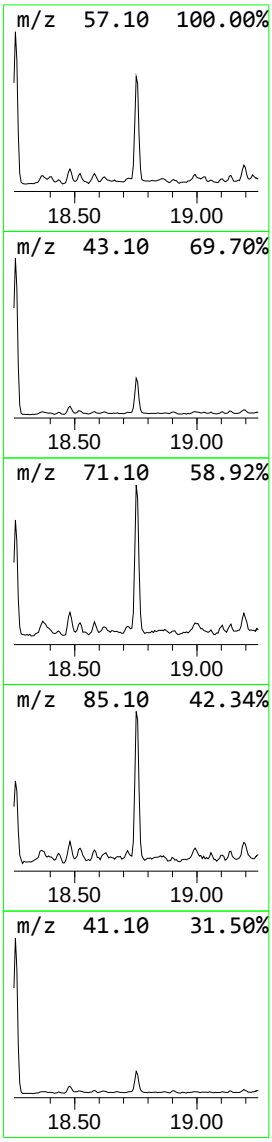
****

Peak Number 14 Dodecane, 4,9-dipropyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	7.30 ng	644492	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexadecane	226	C16H34	000544-76-3	89
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

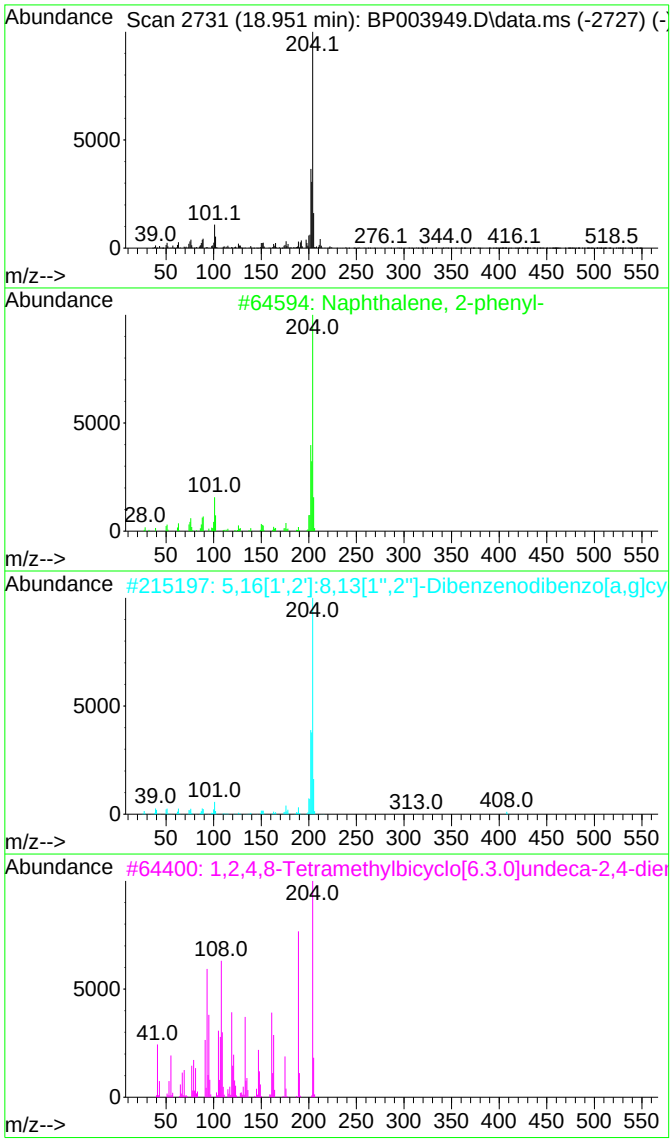
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

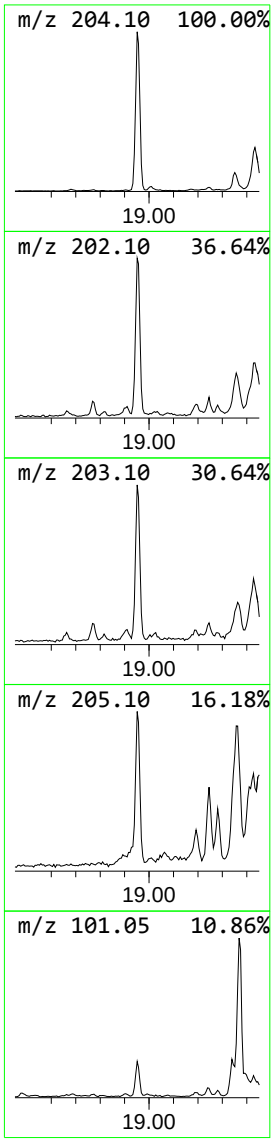
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	5.51 ng	486657	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

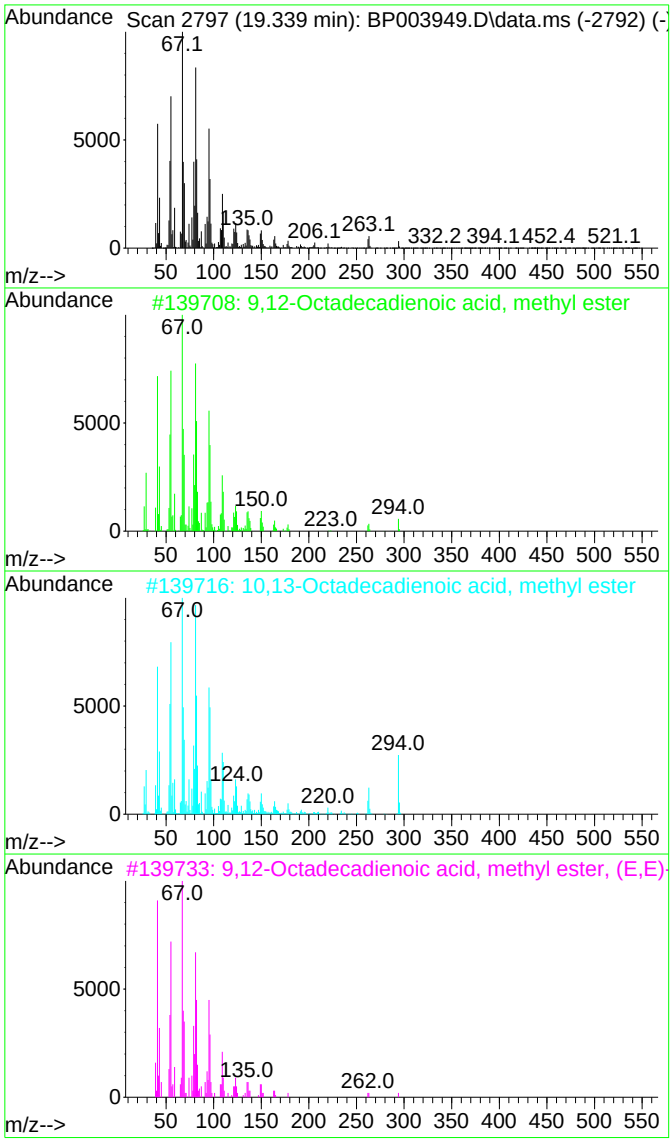
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

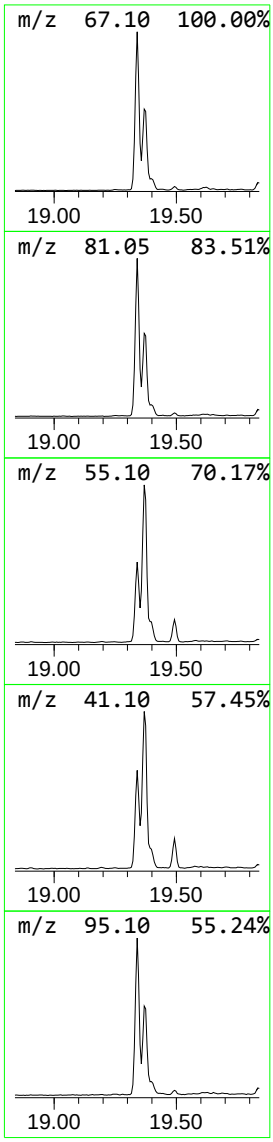
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	91.65 ng	8094920	Phenanthrene-d10	17.639

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





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Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

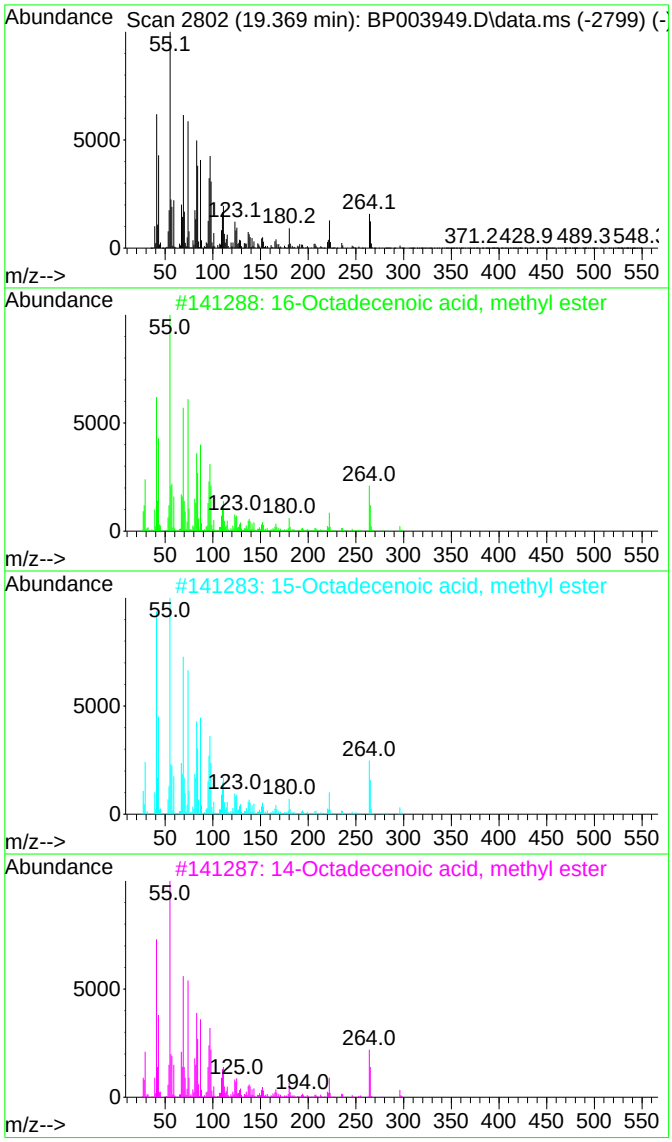
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

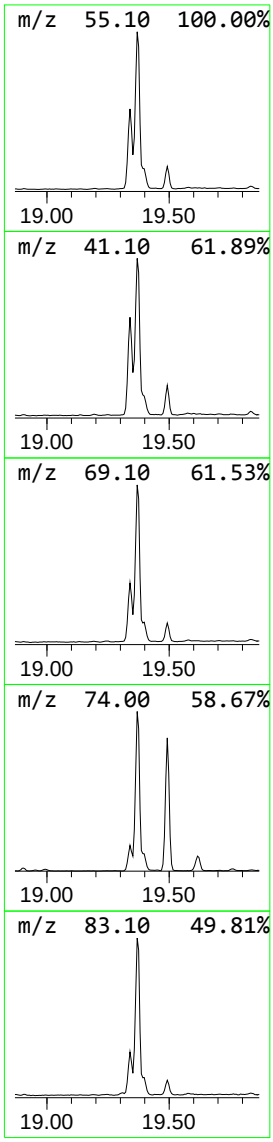
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	128.10 ng	11313500	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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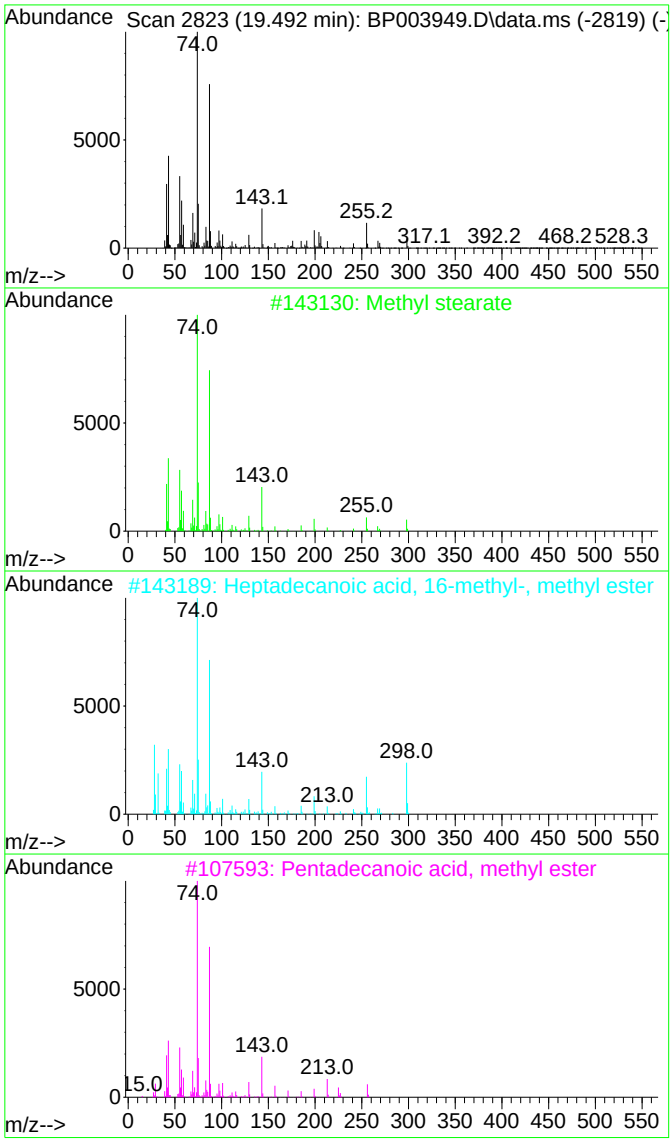
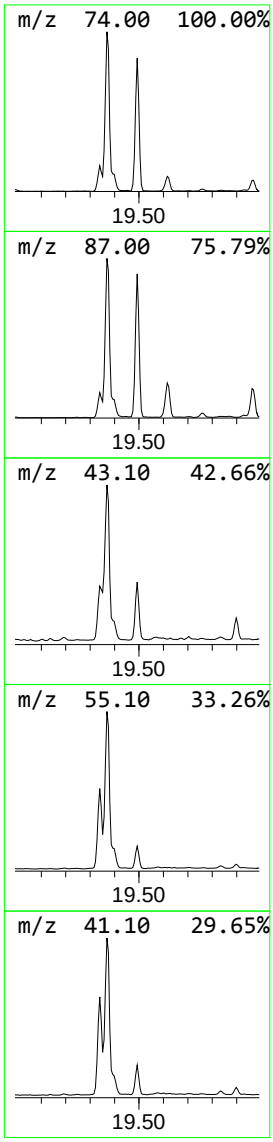
Peak Number 18 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	28.22 ng	2492180	Phenanthrene-d10	17.639

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	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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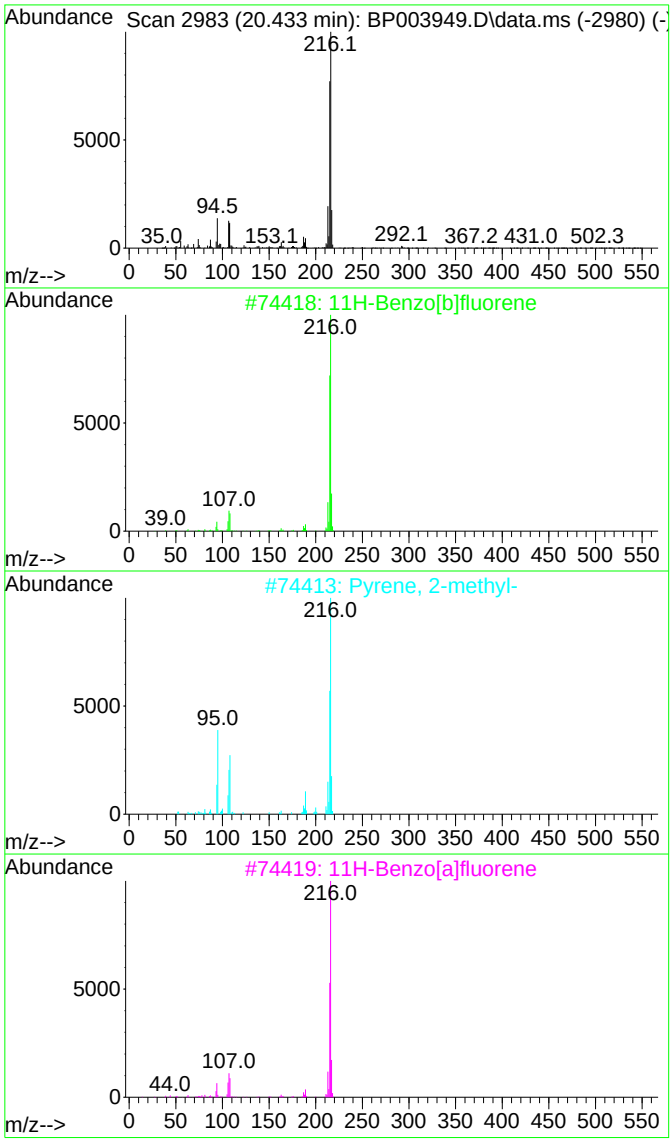
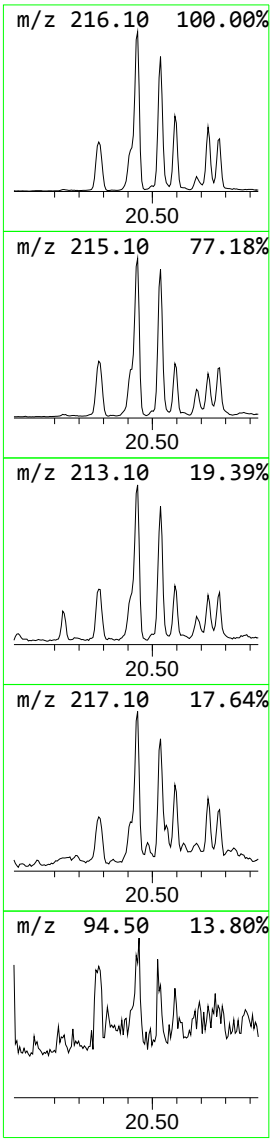
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	5.79 ng	1628940	Chrysene-d12	21.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Data File : BP003949.D
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Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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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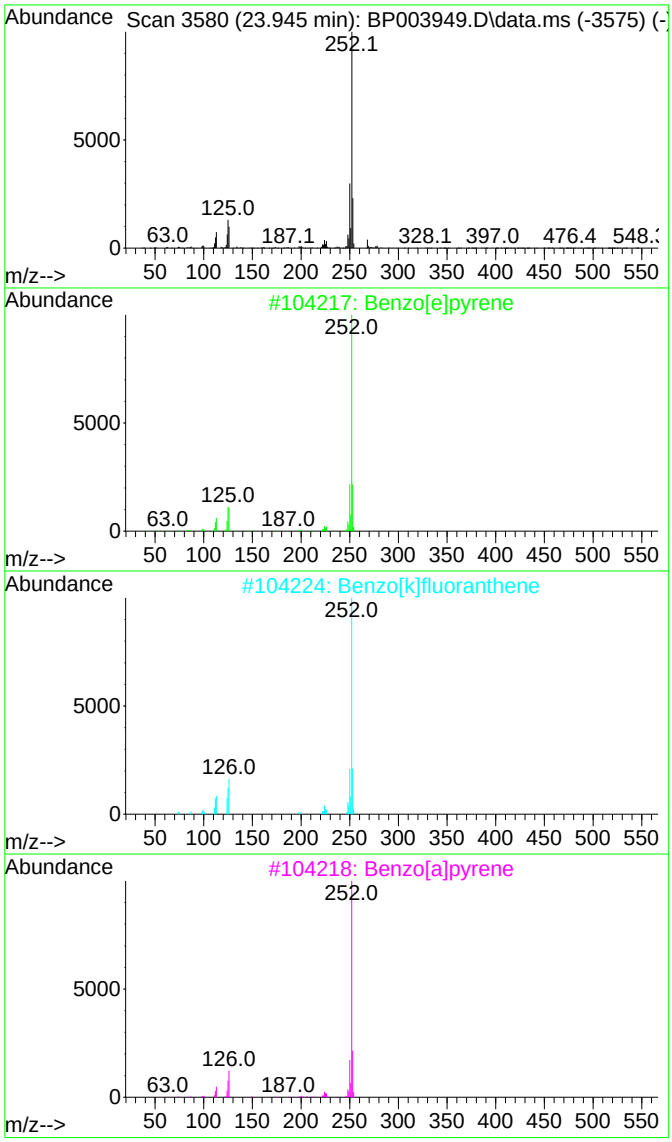
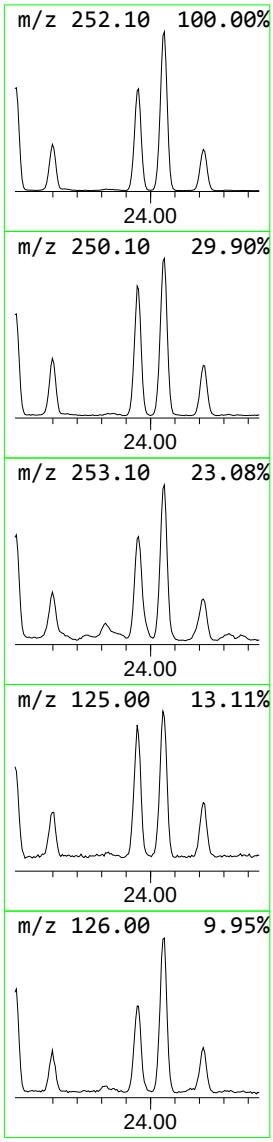
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.945	41.43 ng	2754450	Perylene-d12	24.163

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	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003949.D
Acq On : 12 Nov 2020 21:06
Operator : CG/JU
Sample : L4595-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-111120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.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
unknown2.928	2.928	44.6	ng	2072300	1	8.281	928397	20.0
Tridecane	12.510	6.3	ng	468336	2	11.116	1492190	20.0
Tetradecane	13.728	10.1	ng	779753	3	14.904	1552480	20.0
Pentadecane	14.787	9.4	ng	730527	3	14.904	1552480	20.0
Hexadecane	15.728	9.3	ng	721516	3	14.904	1552480	20.0
Pentadecane, 2,...	16.140	7.2	ng	555938	3	14.904	1552480	20.0
Heptadecane	16.587	9.4	ng	834571	4	17.639	1766390	20.0
Octadecane	17.369	9.4	ng	834608	4	17.639	1766390	20.0
Eicosane, 10-me...	18.098	8.3	ng	737890	4	17.639	1766390	20.0
Hexadecanoic ac...	18.257	64.1	ng	5659600	4	17.639	1766390	20.0
Phenanthrene, 1...	18.486	10.5	ng	926705	4	17.639	1766390	20.0
Anthracene, 2-m...	18.534	10.2	ng	902801	4	17.639	1766390	20.0
4H-Cyclopenta[d...	18.681	16.8	ng	1480650	4	17.639	1766390	20.0
Dodecane, 4,9-d...	18.751	7.3	ng	644492	4	17.639	1766390	20.0
Naphthalene, 2-...	18.951	5.5	ng	486657	4	17.639	1766390	20.0
9,12-Octadecadi...	19.339	91.7	ng	8094920	4	17.639	1766390	20.0
16-Octadecenoic...	19.369	128.1	ng	11313500	4	17.639	1766390	20.0
Methyl stearate	19.492	28.2	ng	2492180	4	17.639	1766390	20.0
11H-Benzo[b]flu...	20.433	5.8	ng	1628940	5	21.674	5622820	20.0
Benzo[e]pyrene	23.945	41.4	ng	2754450	6	24.163	1329630	20.0