LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.869	10	14	18	rVB3	16713	26484	2.06%	0.146%
2	2.946	23	27	39	rVB	126928	158984	12.34%	0.879%
3	4.799	337	342	350	rBV	116906	164606	12.78%	0.910%
4	5.258	414	420	429	rBV	474375	700754	54.40%	3.873%
5	6.828	680	687	704	rVB	518481	829858	64.42%	4.586%
6	7.175	739	746	759	rBV	502885	778597	60.44%	4.303%
7	7.628	817	823	834	rVB	265311	421632	32.73%	2.330%
8	7.952	871	878	886	rVB	371311	601727	46.71%	3.326%
9	8.775	1011	1018	1031	rBV	284935	494632	38.40%	2.734%
10	10.404	1286	1295	1301	rBV	292356	508264	39.46%	2.809%
11	10.451	1301	1303	1310	rVB	41302	63443	4.93%	0.351%
12	11.463	1467	1475	1481	rBV	10469	19748	1.53%	0.109%
13	11.869	1534	1544	1551	rBV2	13967	29057	2.26%	0.161%
14	12.081	1571	1580	1589	rVB	32811	61216	4.75%	0.338%
15	12.298	1611	1617	1623	rBV	26333	42998	3.34%	0.238%
16	12.834	1704	1708	1712	rBV2	11213	16333	1.27%	0.090%
17	12.893	1712	1718	1732	rVV	536150	809723	62.86%	4.475%
18	13.122	1749	1757	1766	rBV2	23505	52795	4.10%	0.292%
19	13.445	1805	1812	1813	rBV7	12231	20551	1.60%	0.114%
20	13.598	1833	1838	1843	rBV3	21144	37745	2.93%	0.209%
21	13.651	1843	1847	1852	rVB3	16267	25006	1.94%	0.138%
22	13.745	1859	1863	1867	rBV	24668	36223	2.81%	0.200%
23	13.792	1867	1871	1874	rVV3	13351	17231	1.34%	0.095%
24	13.834	1874	1878	1883	rVB4	10578	15285	1.19%	0.084%
25	13.998	1901	1906	1913	rVB2	18829	31939	2.48%	0.177%
26	14.210	1937	1942	1946	rBV2	28162	37384	2.90%	0.207%
27	14.281	1946	1954	1960	rVV	360126	546231	42.40%	3.019%
28	14.339	1960	1964	1973	rVB	45016	72693	5.64%	0.402%
29	14.687	2014	2023	2032	rBV2	30599	62593	4.86%	0.346%
30	14.769	2032	2037	2041	rVV3	12118	15821	1.23%	0.087%
31	14.839	2044	2049	2055	rVB5	9884	16864	1.31%	0.093%
32	14.910	2055	2061	2065	rBV4	13718	24527	1.90%	0.136%
33	15.169	2100	2105	2110	rVB3	24428	31913	2.48%	0.176%
34	15.334	2128	2133	2139	rBV	60389	95114	7.38%	0.526%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.581	2166	2175	2179	rBV4	14069	28369	2.20%	0.157%
36	15.634	2179	2184	2188	rBV	10074	15218	1.18%	0.084%
37	15.781	2203	2209	2219	rBV	320227	485308	37.67%	2.682%
38	16.039	2246	2253	2255	rBV5	27001	39579	3.07%	0.219%
39	16.063	2255	2257	2262	rVB2	12443	15543	1.21%	0.086%
40	16.345	2299	2305	2310	rBV3	12031	24476	1.90%	0.135%
41	16.398	2310	2314	2320	rVB5	11418	20053	1.56%	0.111%
42	16.498	2326	2331	2336	rVB3	11666	16694	1.30%	0.092%
43	16.622	2349	2352	2361	rVB8	8632	14278	1.11%	0.079%
44	16.781	2373	2379	2385	rBV4	7190	16742	1.30%	0.093%
45	16.833	2385	2388	2390	rBV2	22282	27886	2.16%	0.154%
46	16.892	2395	2398	2403	rVB2	13085	18997	1.47%	0.105%
47	17.039	2418	2423	2427	rBV	373243	531429	41.25%	2.937%
48	17.081	2427	2430	2436	rVB	357650	466780	36.24%	2.580%
49	17.175	2441	2446	2451	rVV	71778	107566	8.35%	0.594%
50	17.239	2453	2457	2463	rVV5	8210	15580	1.21%	0.086%
51	17.451	2487	2493	2498	rBV	18559	33840	2.63%	0.187%
52	17.575	2510	2514	2518	rBV2	24348	32998	2.56%	0.182%
53	17.622	2518	2522	2532	rVB3	21907	39528	3.07%	0.218%
54	17.745	2538	2543	2552	rVB	305935	386426	30.00%	2.136%
55	17.916	2567	2572	2576	rBV	56026	82120	6.37%	0.454%
56	17.963	2576	2580	2585	rVB	72215	98076	7.61%	0.542%
57	18.045	2589	2594	2598	rVV2	20009	29509	2.29%	0.163%
58	18.104	2598	2604	2608	rVV2	92020	158561	12.31%	0.876%
59	18.139	2608	2610	2618	rVB	42607	56698	4.40%	0.313%
60	18.257	2626	2630	2634	rVV	16427	20111	1.56%	0.111%
61	18.404	2652	2655	2659	rBV	34674	46764	3.63%	0.258%
62	18.439	2659	2661	2669	rVB5	13014	21713	1.69%	0.120%
63	18.645	2694	2696	2700	rVB3	13093	13448	1.04%	0.074%
64	18.698	2701	2705	2708	rBV	14544	20013	1.55%	0.111%
65	18.727	2708	2710	2715	rVB3	11294	16382	1.27%	0.091%
66	18.810	2719	2724	2728	rBV	40697	69254	5.38%	0.383%
67	18.857	2728	2732	2735	rBV	1086816	1288167	100.00%	7.119%
68	18.886	2735	2737	2742	rVB2	999343	1108814	86.08%	6.128%
69	19.022	2755	2760	2763	rBV	117058	134274	10.42%	0.742%
70	19.063	2763	2767	2775	rVB	378506	480741	37.32%	2.657%
71	19.133	2776	2779	2782	rBV2	10838	15447	1.20%	0.085%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.163	2782	2784	2789	rVB5	12689	13868	1.08%	0.077%
73	19.210	2789	2792	2797	rBV3	8666	15449	1.20%	0.085%
74	19.304	2804	2808	2813	rBV3	15432	20791	1.61%	0.115%
75	19.416	2818	2827	2837	rVV	386888	596168	46.28%	3.295%
76	19.498	2837	2841	2848	rVB4	19604	38487	2.99%	0.213%
77	19.627	2858	2863	2867	rVB	683039	804080	62.42%	4.444%
78	19.739	2877	2882	2888	rBV4	31445	79518	6.17%	0.439%
79	19.874	2900	2905	2906	rBV3	24472	35975	2.79%	0.199%
80	19.904	2907	2910	2915	rVB2	74462	96754	7.51%	0.535%
81	19.951	2915	2918	2920	rBV3	20064	23810	1.85%	0.132%
82	20.004	2924	2927	2931	rVB	56153	69387	5.39%	0.383%
83	20.057	2932	2936	2939	rBV2	41287	59377	4.61%	0.328%
84	20.192	2956	2959	2963	rVB	27855	36652	2.85%	0.203%
85	20.239	2963	2967	2971	rBV	34643	51502	4.00%	0.285%
86	20.439	2998	3001	3004	rBV2	18060	21359	1.66%	0.118%
87	20.839	3065	3069	3072	rBV2	31671	37080	2.88%	0.205%
88	20.886	3072	3077	3081	rBV3	94168	142984	11.10%	0.790%
89	21.021	3096	3100	3106	rBV6	20865	48827	3.79%	0.270%
90	21.145	3114	3121	3124	rBV2	517329	861070	66.84%	4.759%
91	21.180	3124	3127	3137	rVB	158826	209540	16.27%	1.158%
92	21.321	3148	3151	3153	rVB	37471	35211	2.73%	0.195%
93	21.757	3221	3225	3230	rVB2	85812	109700	8.52%	0.606%
94	22.221	3300	3304	3312	rVB	127842	176859	13.73%	0.977%
95	22.733	3382	3391	3404	rVB4	221446	554344	43.03%	3.064%
96	23.274	3479	3483	3486	rBV	84701	151016	11.72%	0.835%
97	23.310	3487	3489	3494	rVB	119219	157501	12.23%	0.870%
98	23.374	3495	3500	3506	rVB2	293917	535871	41.60%	2.962%
99	23.968	3596	3601	3609	rVB	130790	245445	19.05%	1.357%

Sum of corrected areas: 18093978

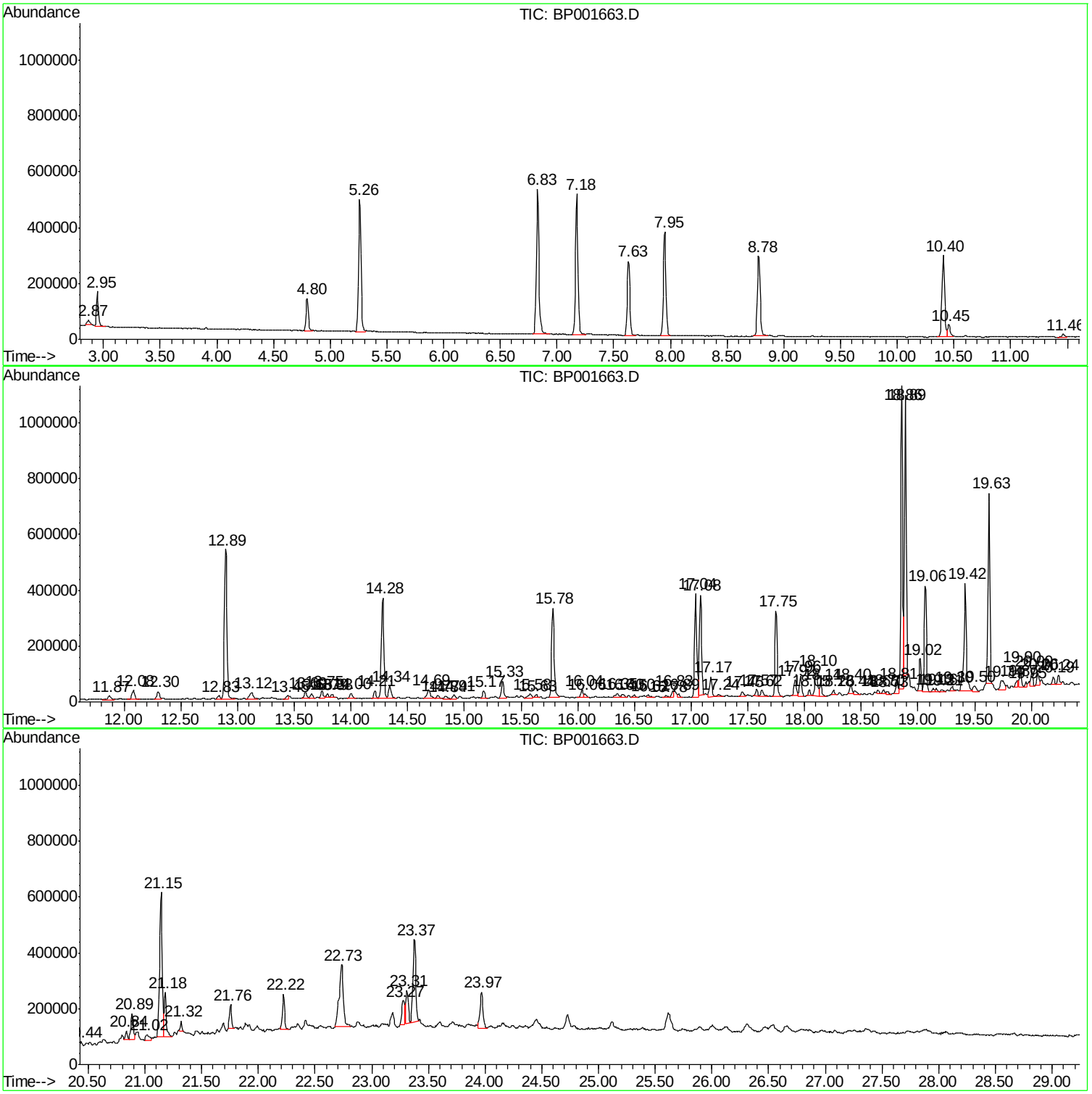
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

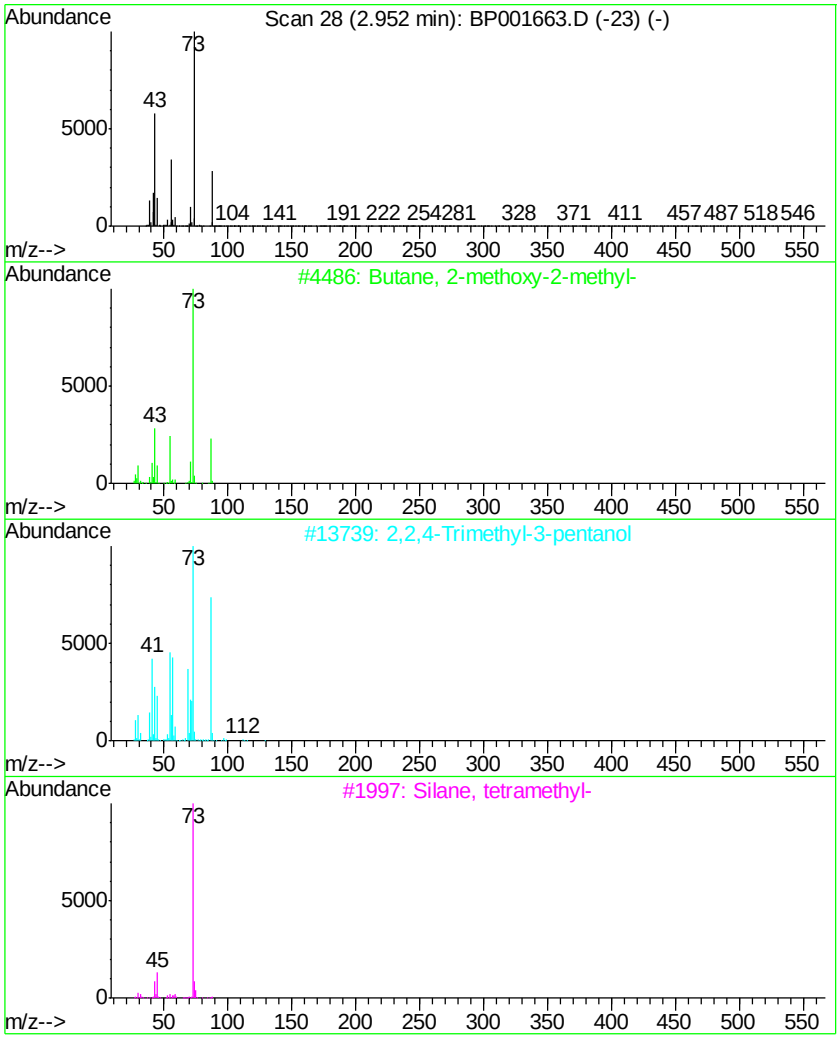
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

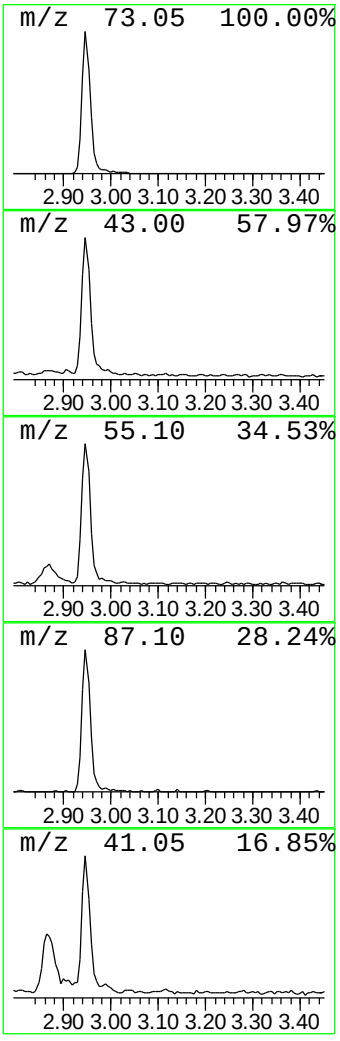
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	7.54 ng	158984	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

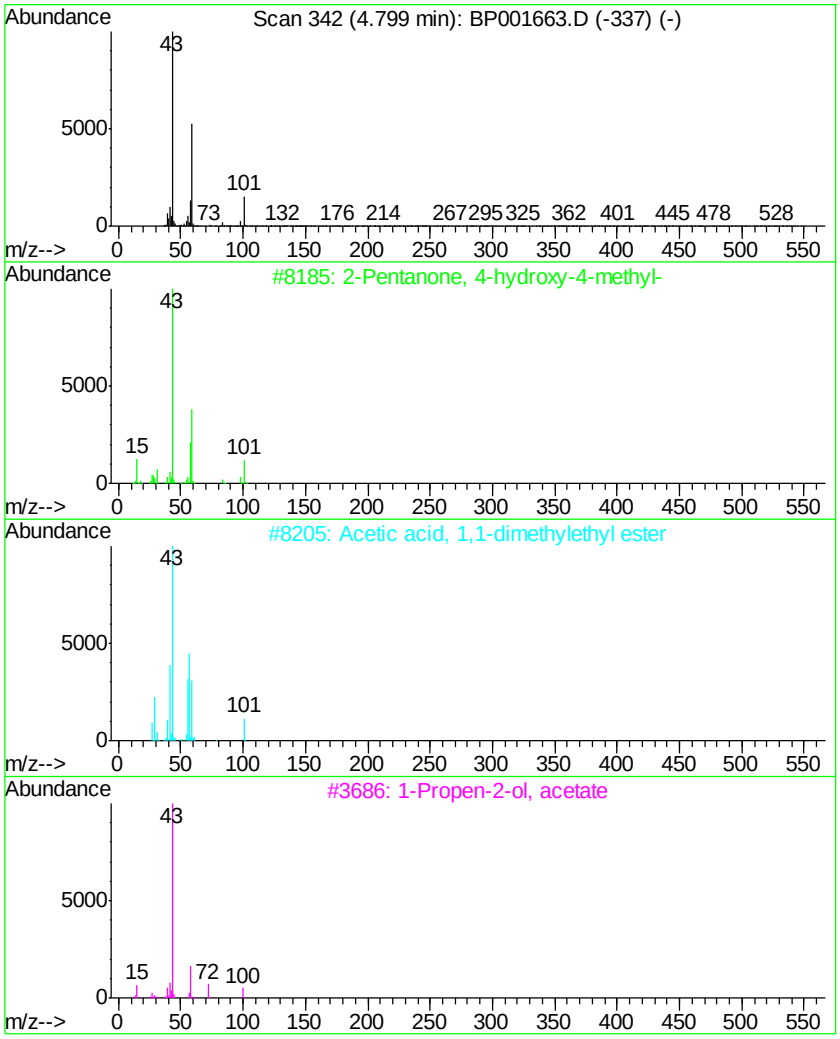
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

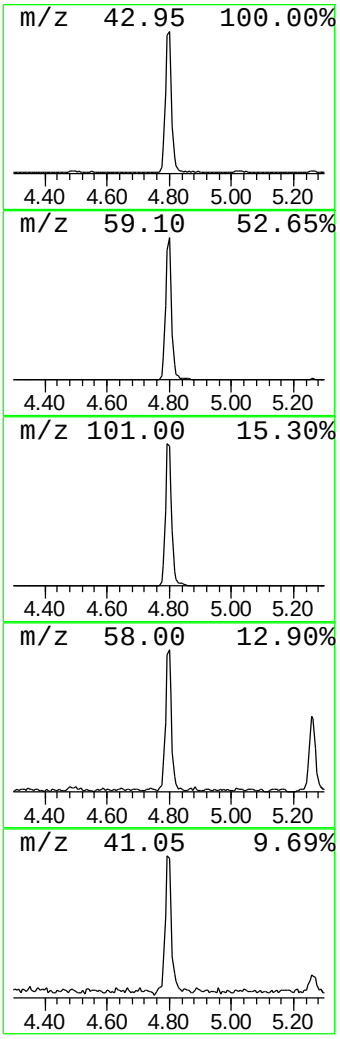
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	7.81 ng	164606	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

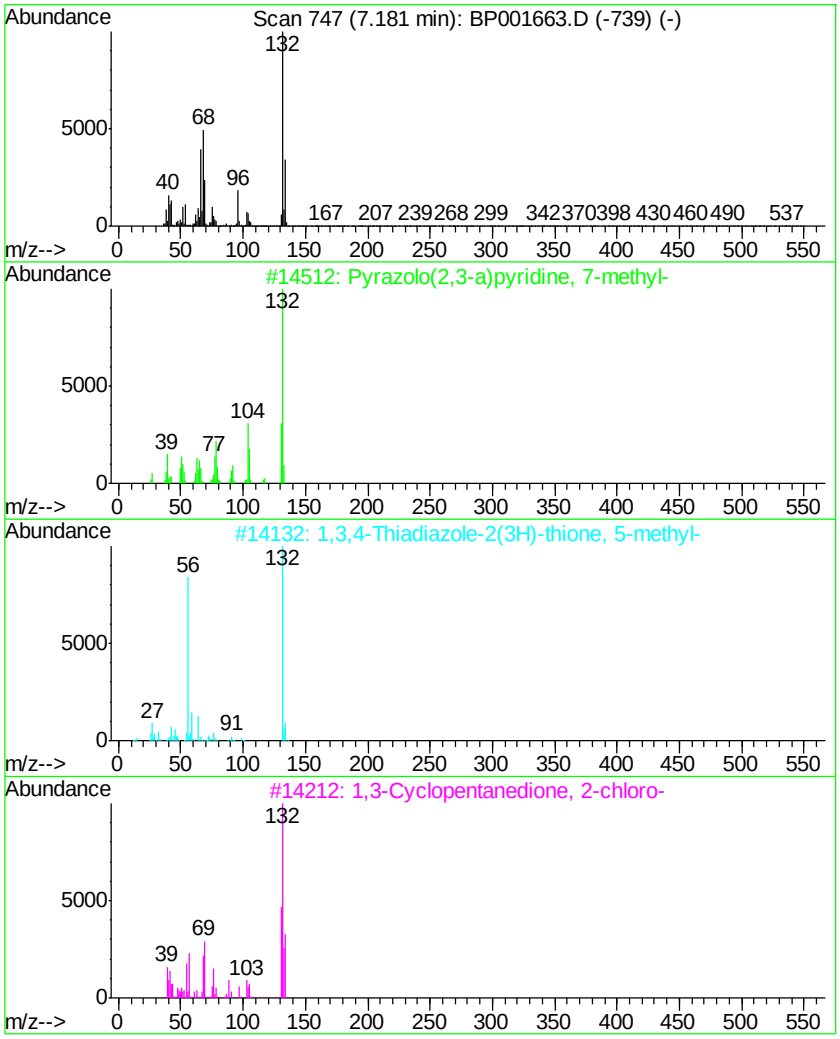
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

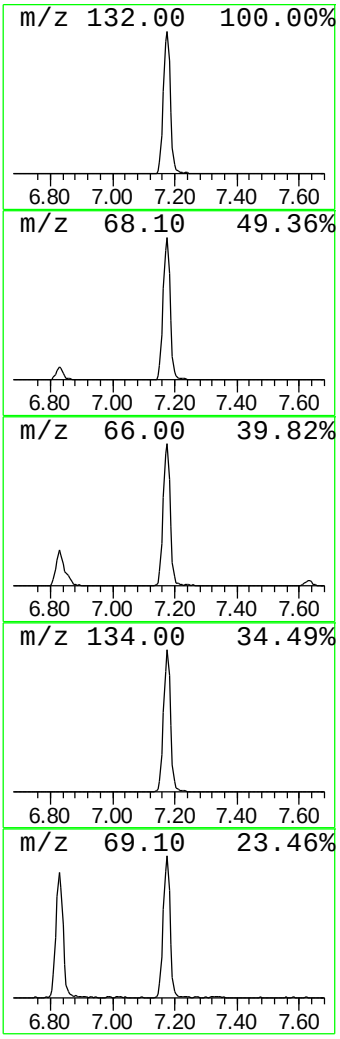
****

Peak Number 3 unknown7.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	36.93 ng	778597	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

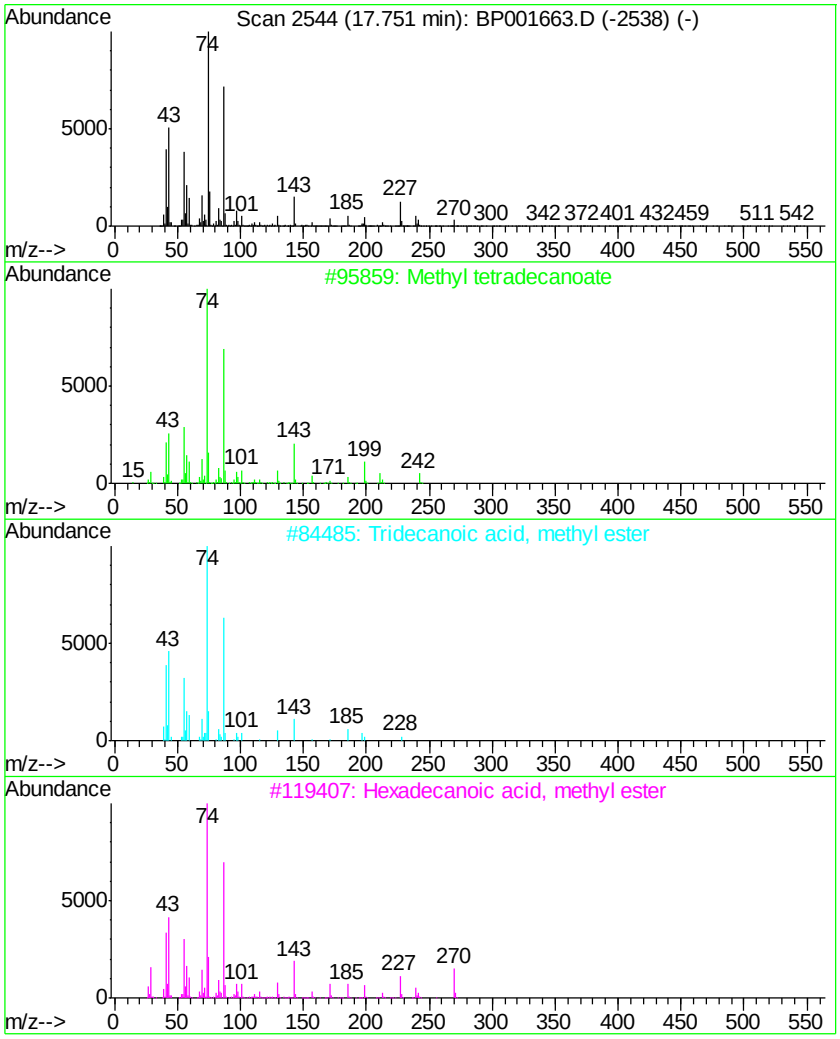
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

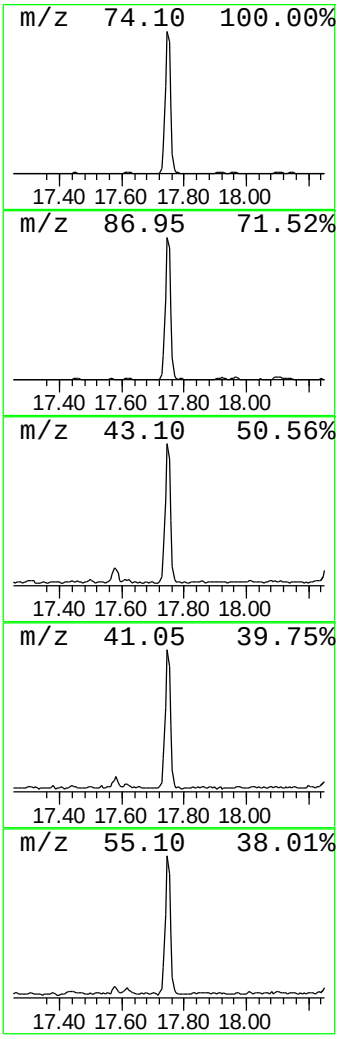
****

Peak Number 7 Methyl tetradecanoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	14.54 ng	386426	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

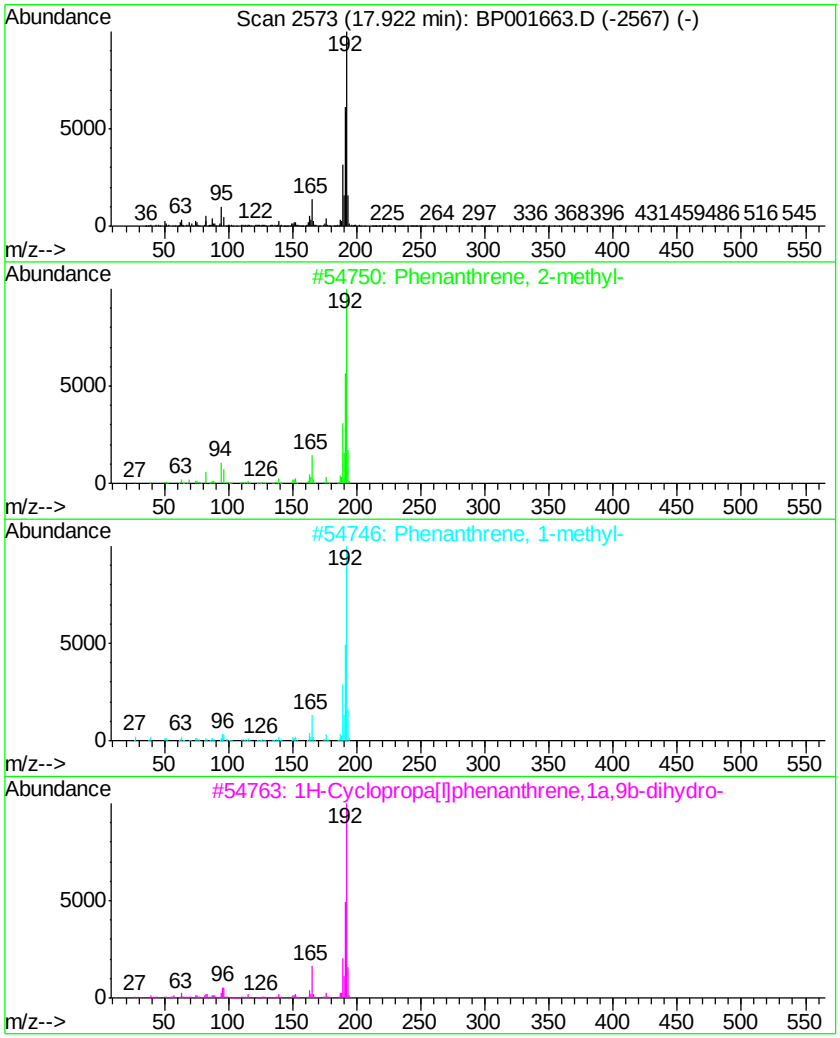
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

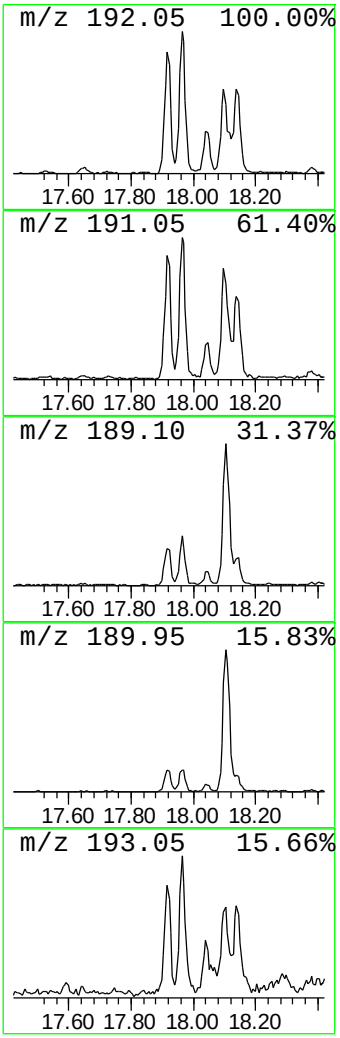
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.09 ng	82120	Phenanthrene-d10	17.04

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





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Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

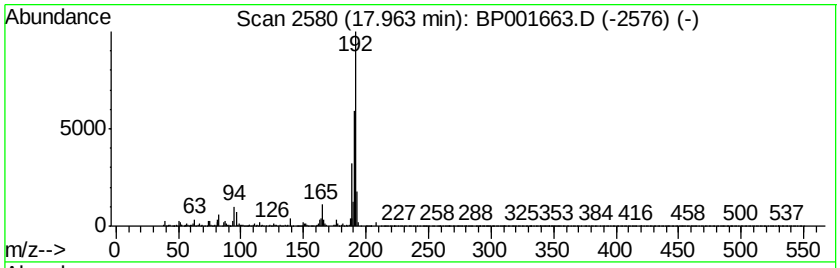
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

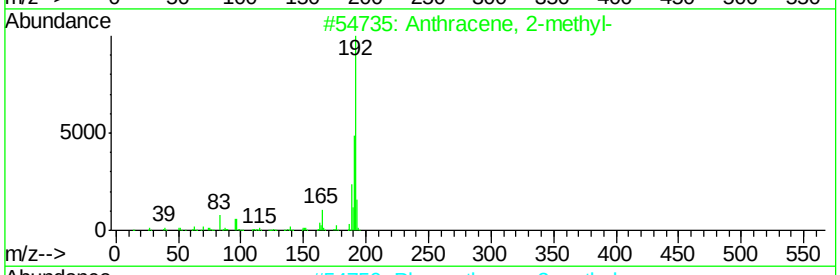
****

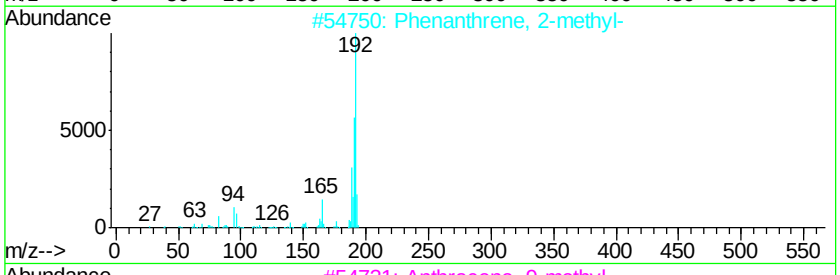
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 11

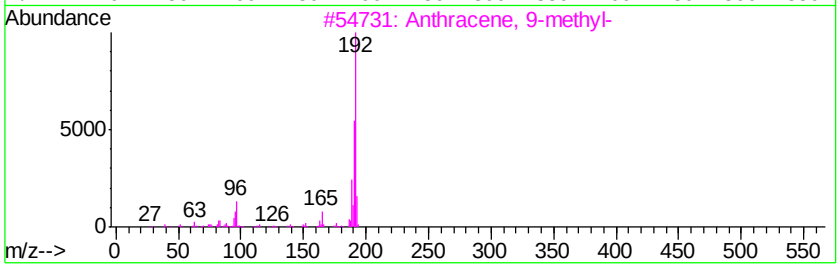
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.69 ng	98076	Phenanthrene-d10	17.04

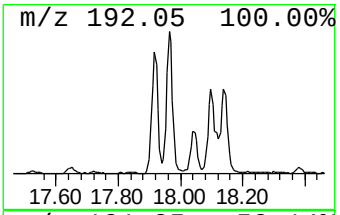
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89

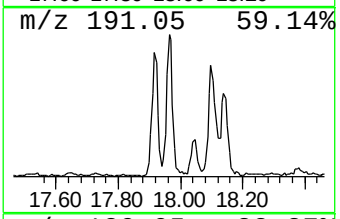


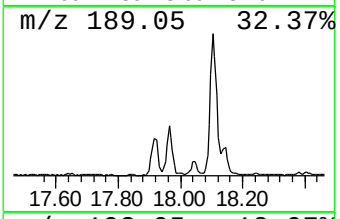


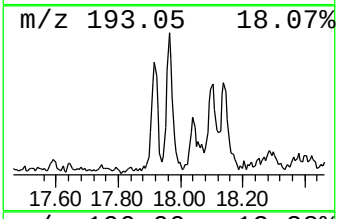


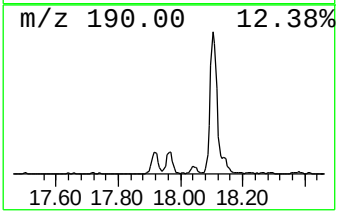












Library Search Compound Report

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Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

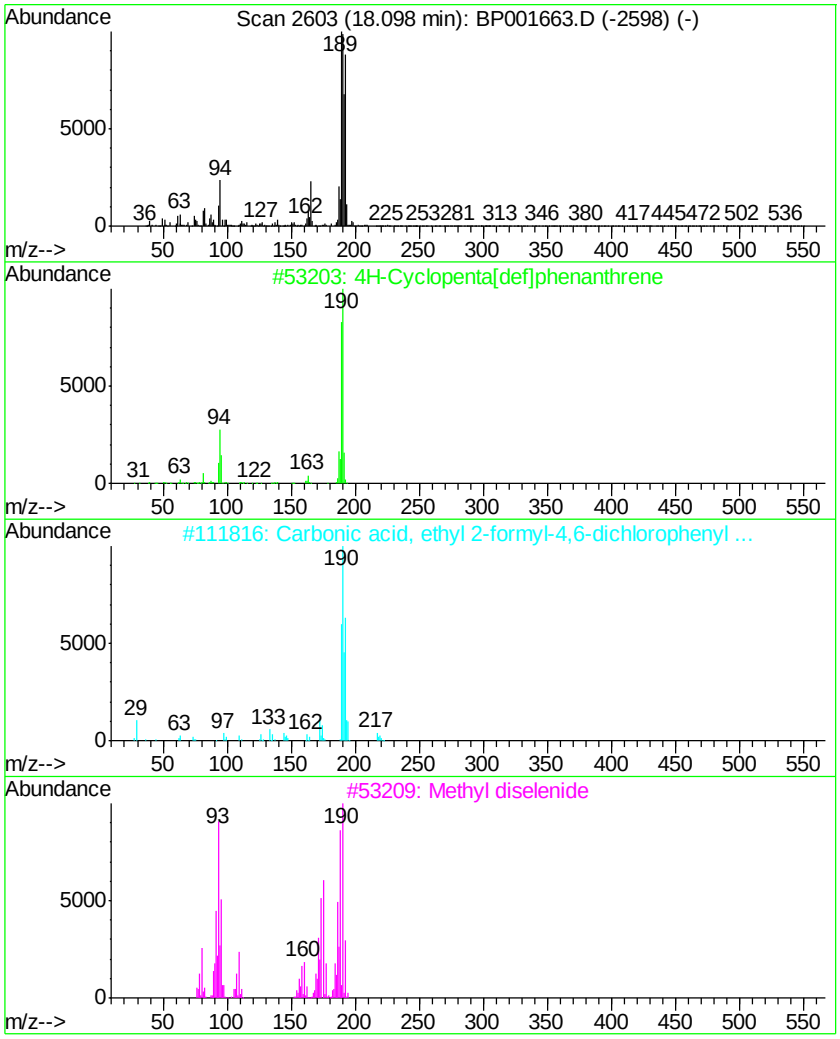
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

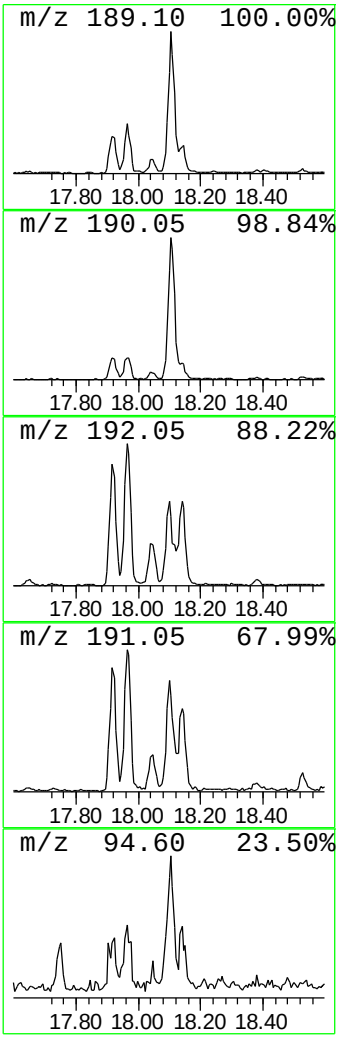
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	5.97 ng	158561	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

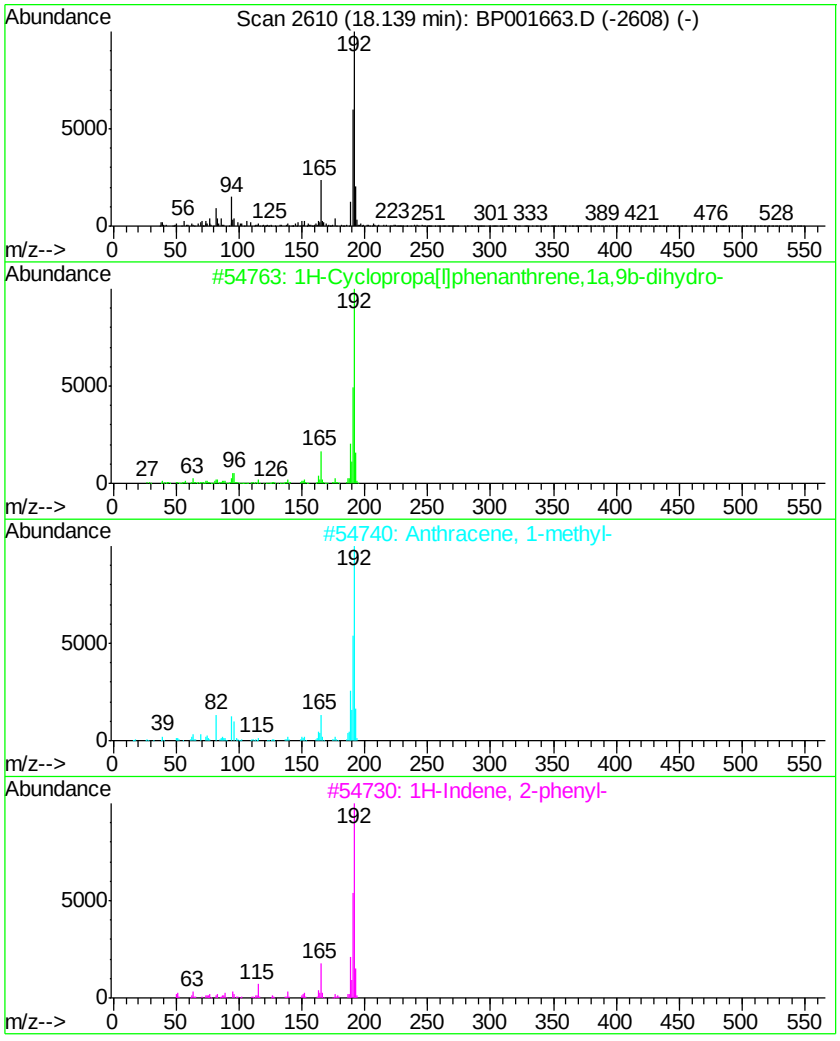
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

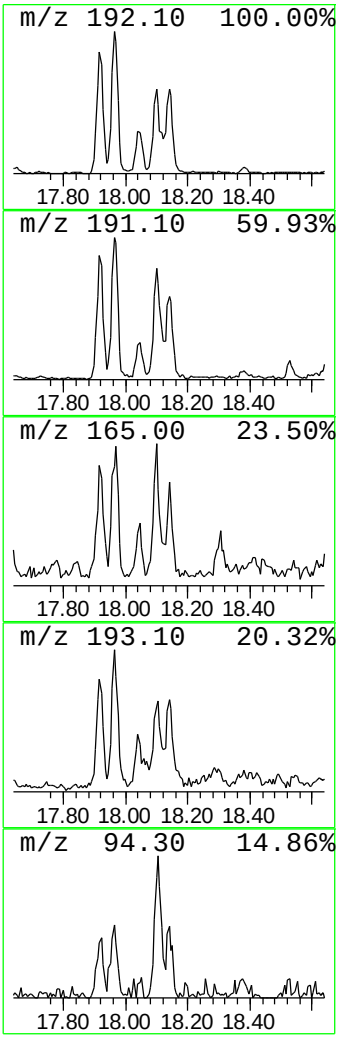
****

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.13 ng	56698	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





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Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

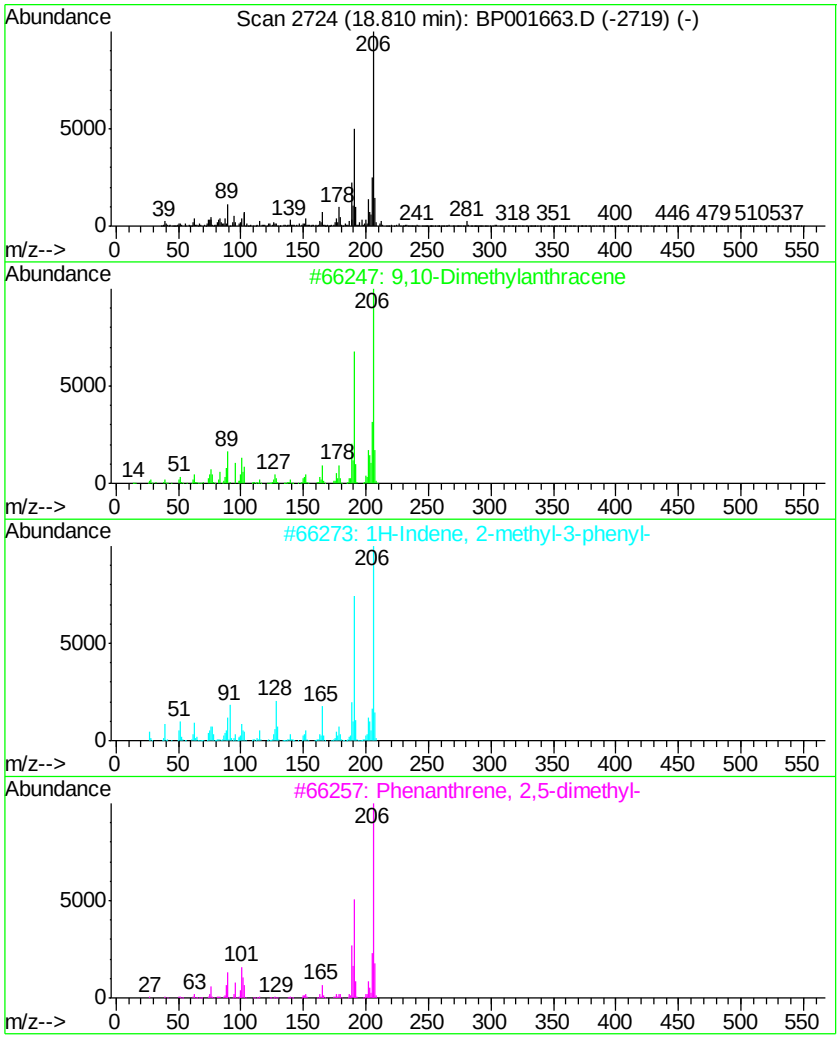
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

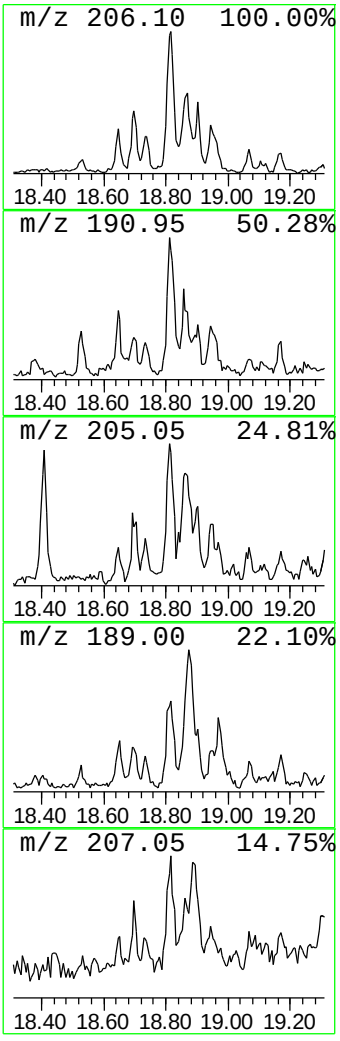
****

Peak Number 12 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.61 ng	69254	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Acq On : 17 Jan 2020 18:27
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Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

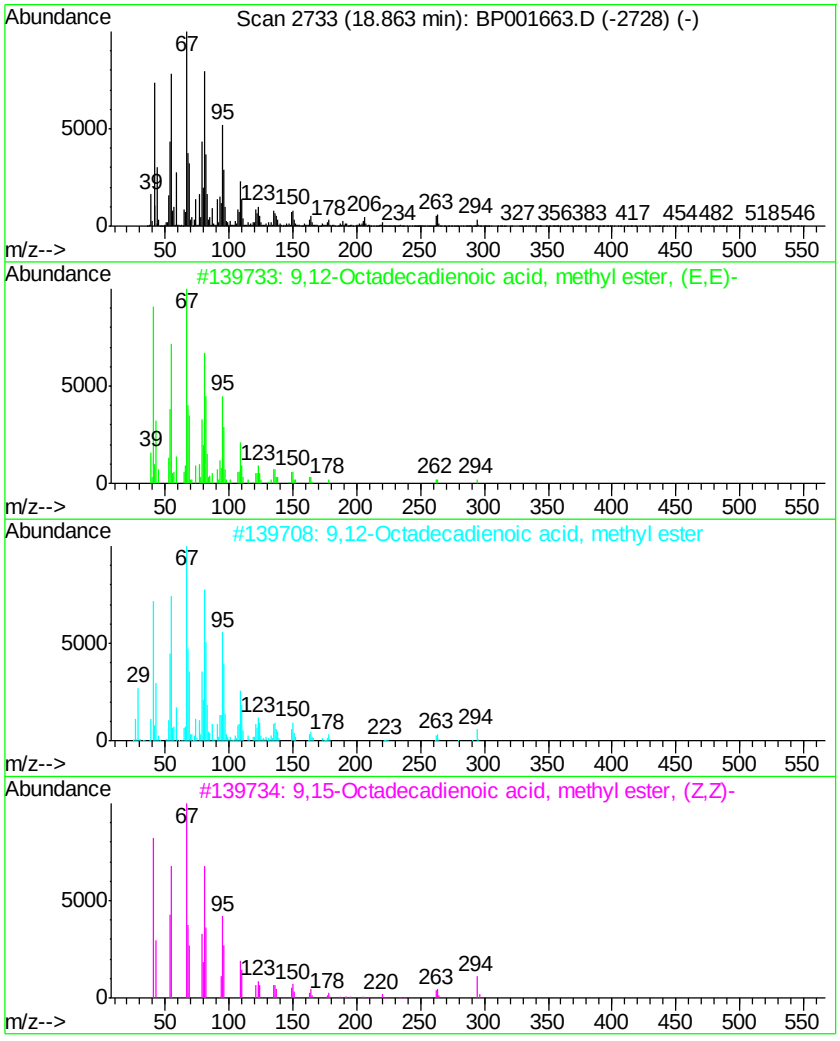
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

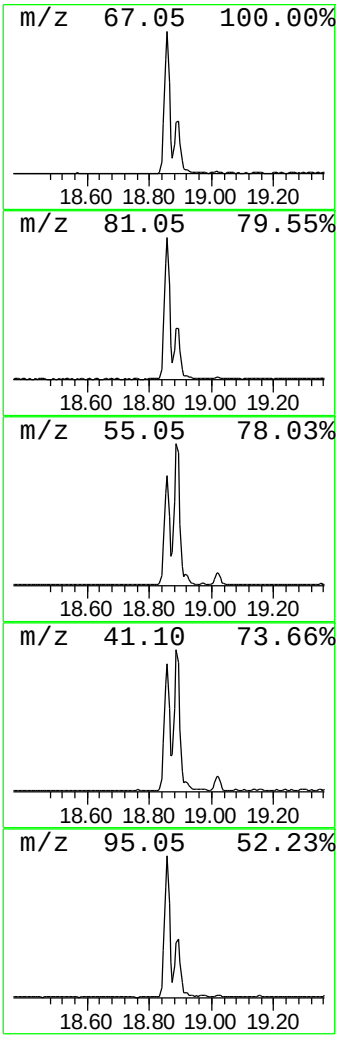
****

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	48.48 ng	1288170	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
5	11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	93





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Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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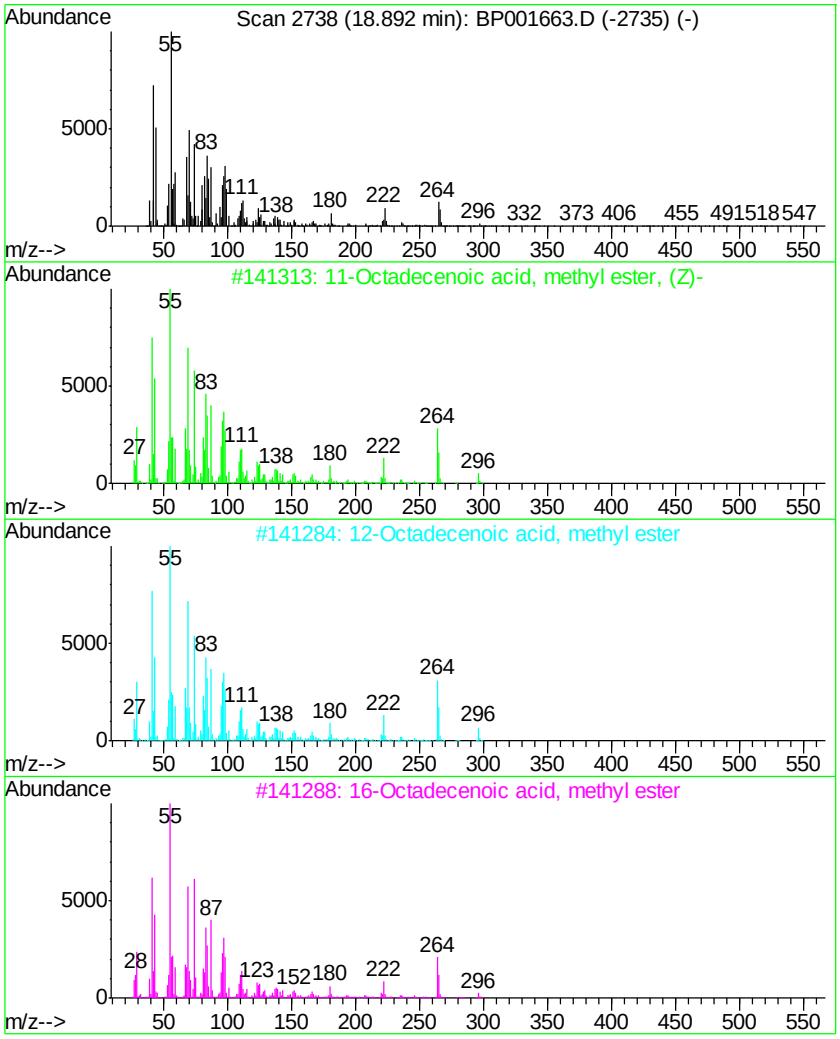
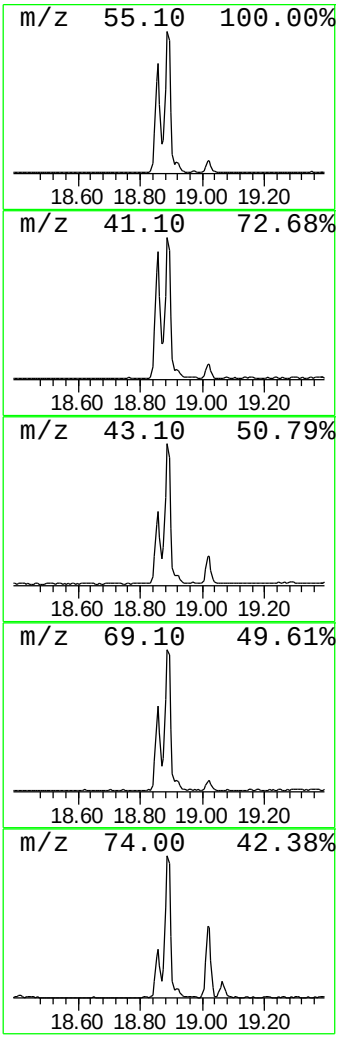
Peak Number 14 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	41.73 ng	1108810	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	97
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96





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Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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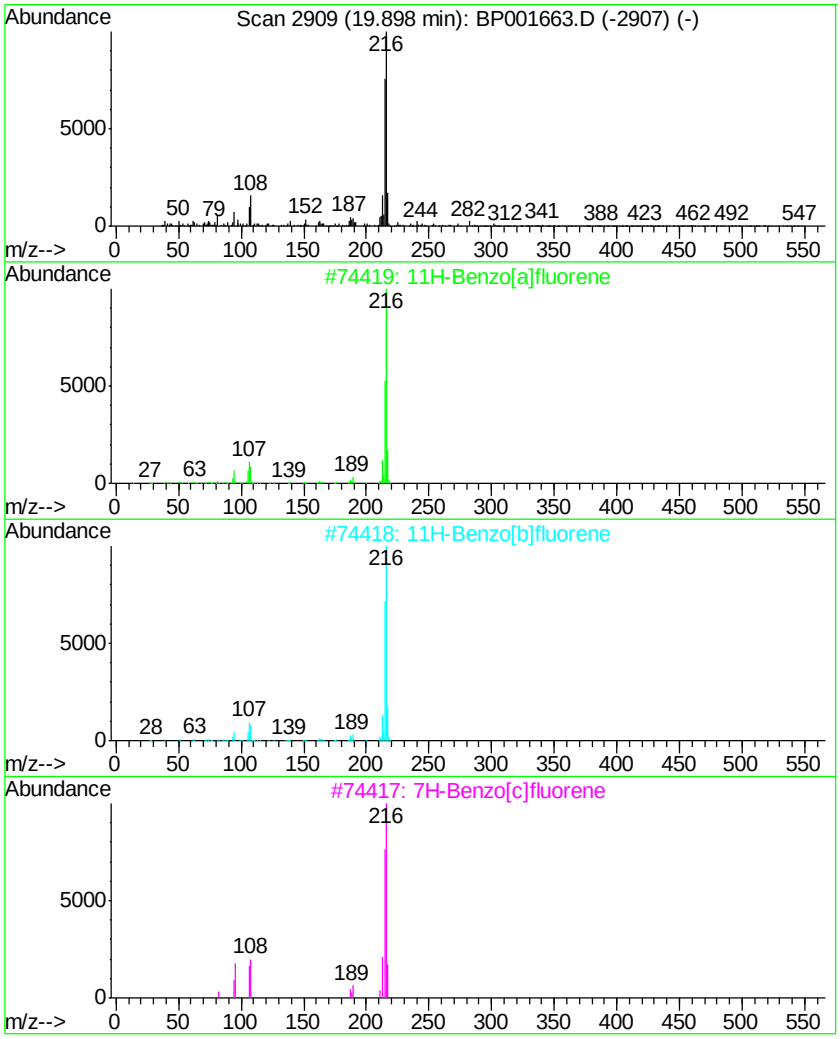
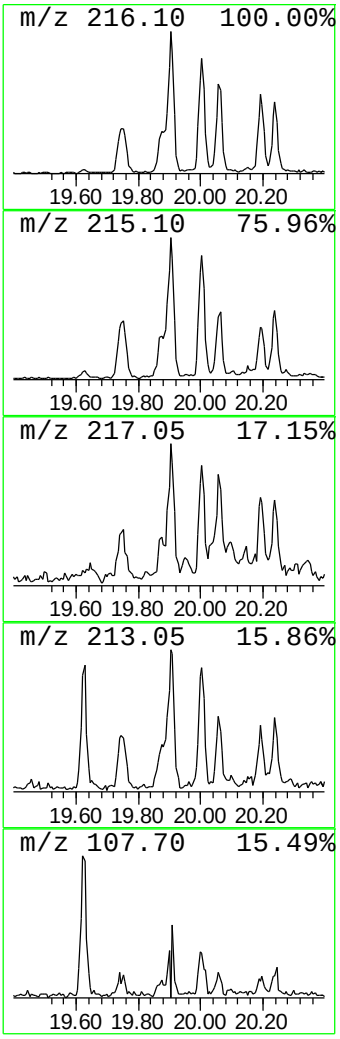
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.25 ng	96754	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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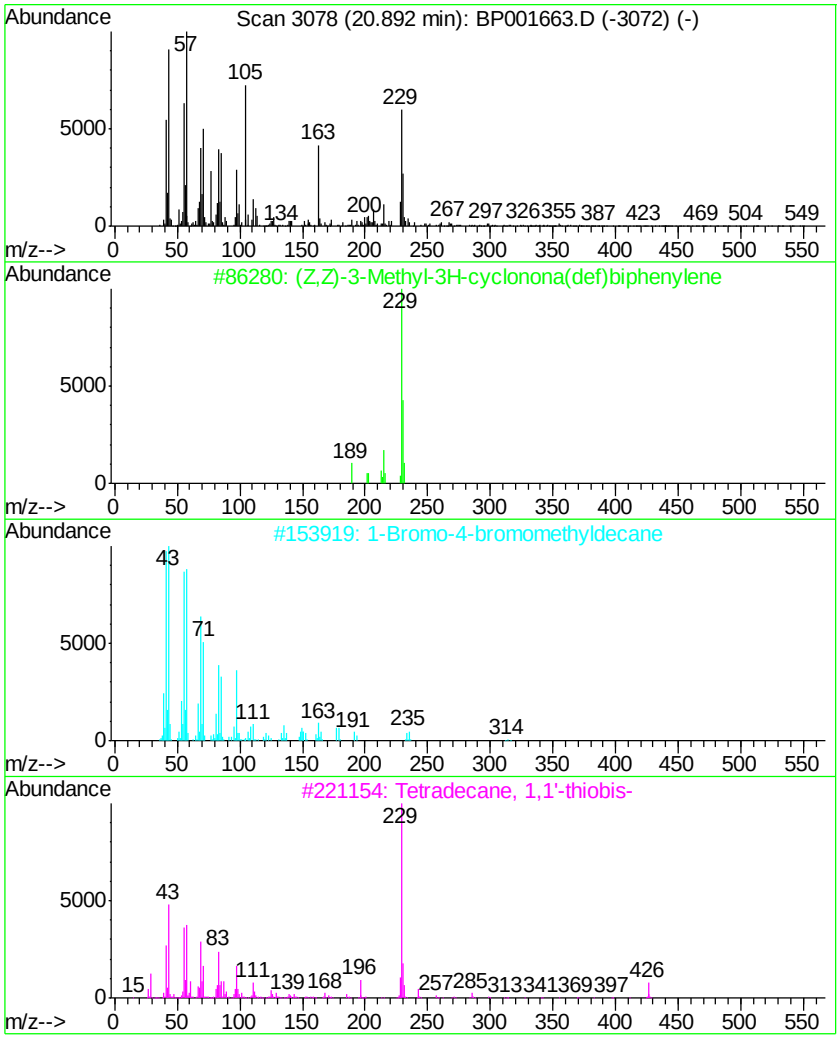
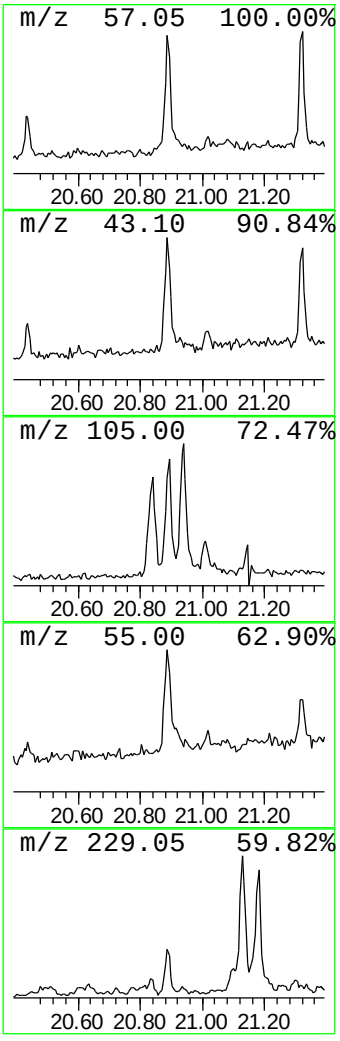
Peak Number 16 (Z,Z)-3-Methyl-3H-cyclonona... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.32 ng	142984	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	78
2	1-Bromo-4-bromomethyldecane	312	C11H22Br2	061639-11-0	43
3	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	42
4	Benz[a]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	38
5	Tetradecanoic acid, octadecyl ester	480	C32H64O2	003234-81-9	38





Library Search Compound Report

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Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

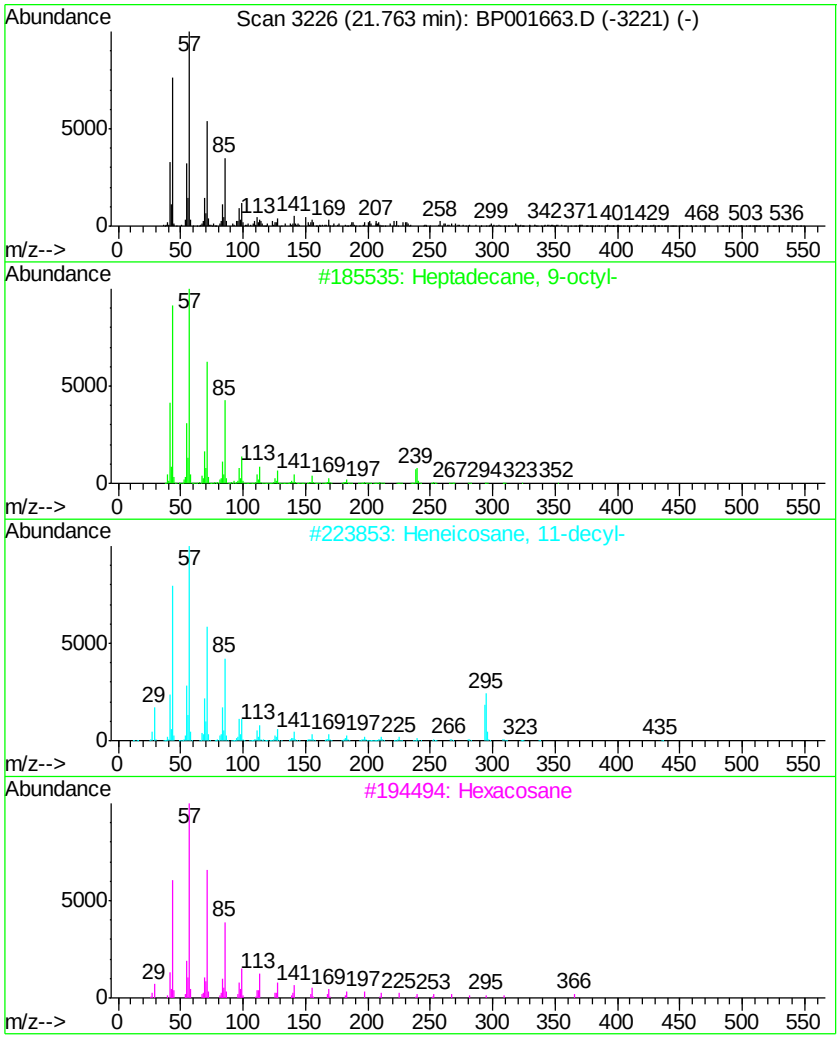
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

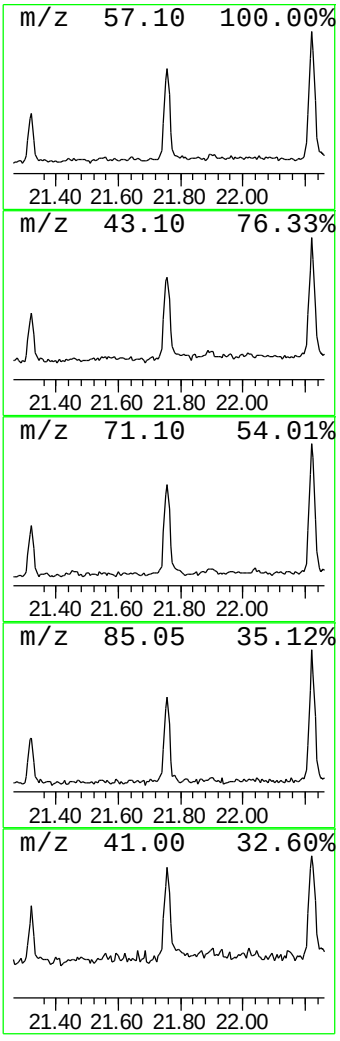
****

Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.55 ng	109700	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	96
3	Hexacosane	366	C26H54	000630-01-3	94
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	89
5	Heptacosane	380	C27H56	000593-49-7	87





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Misc :
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ClientSampleId : OK-02-011620

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

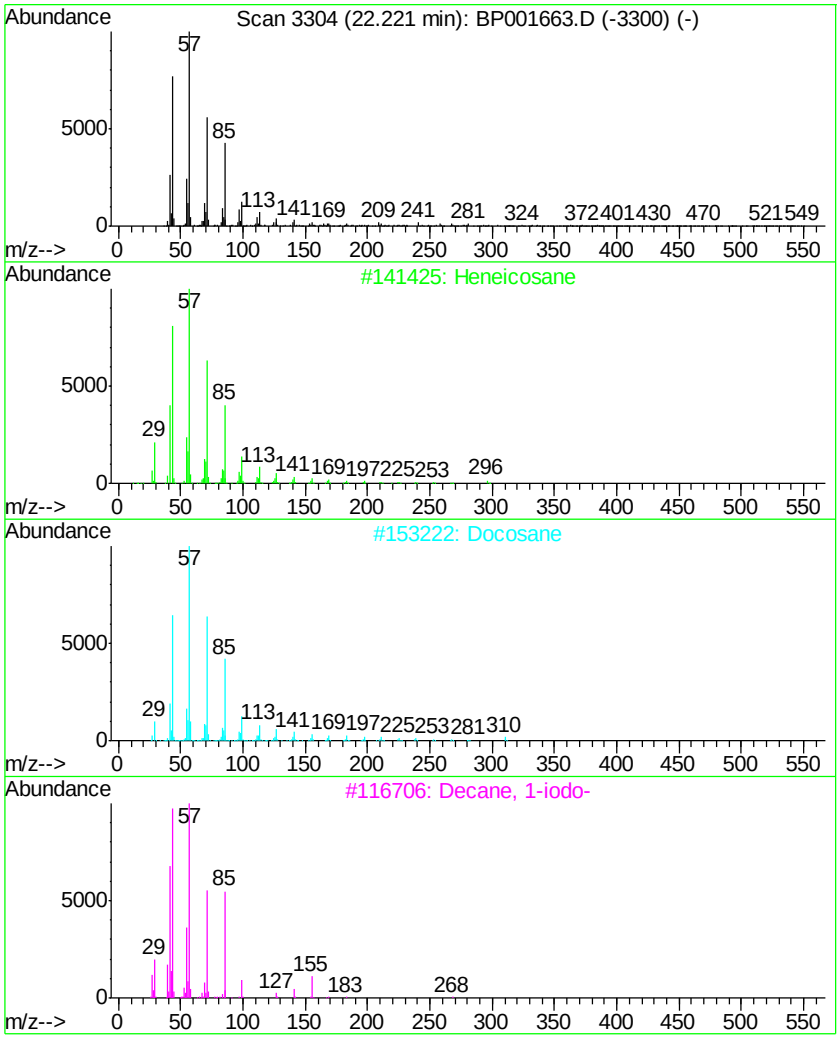
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

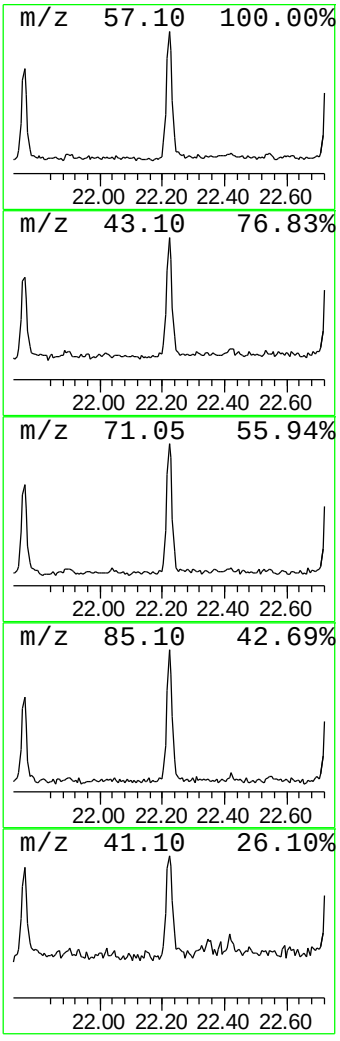
****

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	4.11 ng	176859	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Docosane	310	C22H46	000629-97-0	93
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	90
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

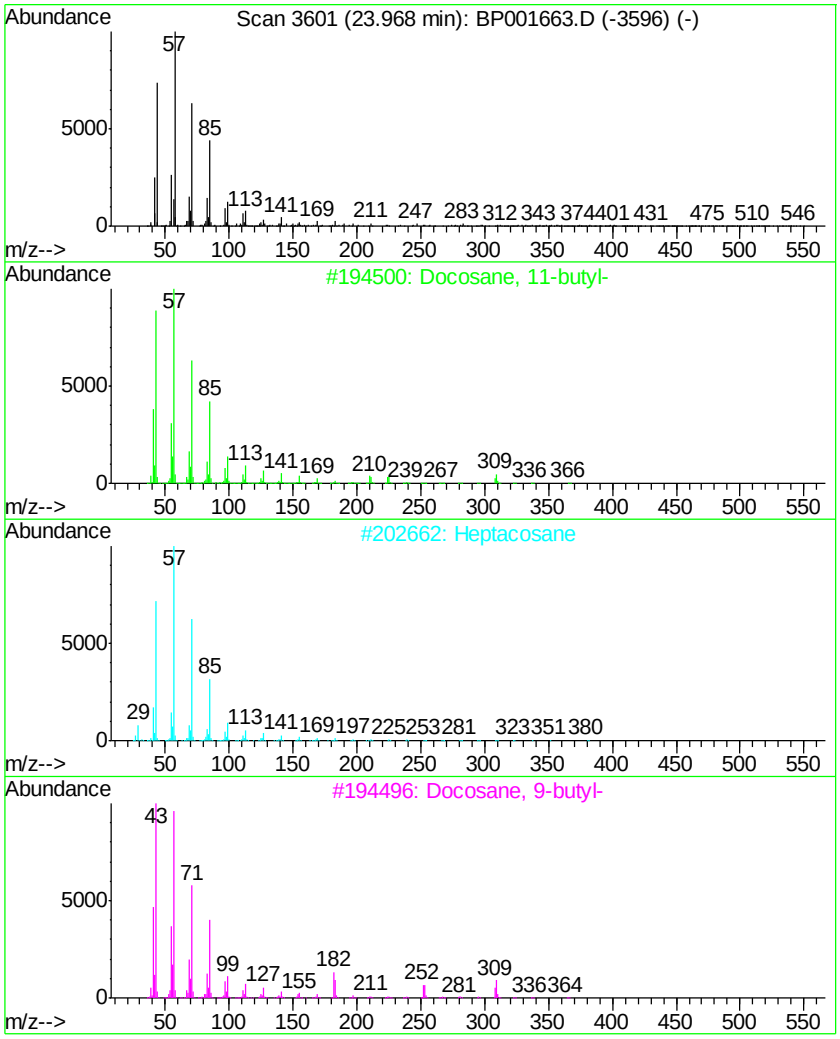
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

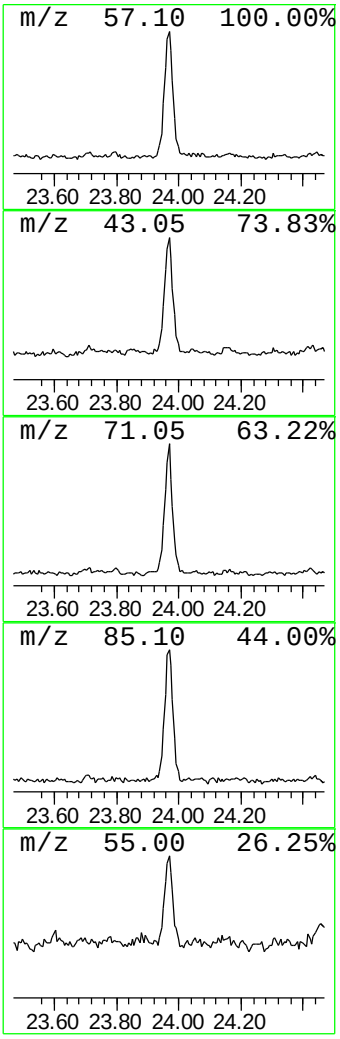
****

Peak Number 19 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	9.16 ng	245445	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001663.D
Acq On : 17 Jan 2020 18:27
Operator : JU
Sample : L1010-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-011620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
Butane, 2-methoxy...	2.95	7.5	ng	158984	1	7.63	421632	20.0
2-Pentanone, 4-hy...	4.80	7.8	ng	164606	1	7.63	421632	20.0
unknown7.18	7.18	36.9	ng	778597	1	7.63	421632	20.0
Methyl tetradecan...	17.75	14.5	ng	386426	4	17.04	531429	20.0
Phenanthrene, 2-m...	17.92	3.1	ng	82120	4	17.04	531429	20.0
Anthracene, 2-met...	17.96	3.7	ng	98076	4	17.04	531429	20.0
4H-Cyclopenta[def...	18.10	6.0	ng	158561	4	17.04	531429	20.0
1H-Cyclopropa[l]p...	18.14	2.1	ng	56698	4	17.04	531429	20.0
9,10-Dimethylanth...	18.81	2.6	ng	69254	4	17.04	531429	20.0
9,12-Octadecadien...	18.86	48.5	ng	1288170	4	17.04	531429	20.0
11-Octadecenoic a...	18.89	41.7	ng	1108810	4	17.04	531429	20.0
11H-Benzo[a]fluorene	19.90	2.3	ng	96754	5	21.15	861070	20.0
(Z,Z)-3-Methyl-3H...	20.89	3.3	ng	142984	5	21.15	861070	20.0
Heptadecane, 9-oc...	21.76	2.5	ng	109700	5	21.15	861070	20.0
Heneicosane	22.22	4.1	ng	176859	5	21.15	861070	20.0
Docosane, 11-butyl-	23.97	9.2	ng	245445	6	23.38	535871	20.0