LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001363.D
Acq On : 23 Dec 2019 13:09
Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

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-BP121919.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	5.616	595	600	610	rVB	181292	287682	18.49%	1.323%
2	6.216	695	702	714	rVB	1086079	1387059	89.13%	6.381%
3	7.593	929	936	945	rBV9	5912	15733	1.01%	0.072%
4	7.757	957	964	978	rBV	1147915	1556145	100.00%	7.159%
5	7.940	989	995	1005	rBV	1262388	1519165	97.62%	6.989%
6	8.298	1051	1056	1065	rBV	314868	369959	23.77%	1.702%
7	8.540	1092	1097	1107	rVB	968373	1147549	73.74%	5.279%
8	9.181	1200	1206	1210	rBV	763271	984143	63.24%	4.527%
9	9.210	1210	1211	1223	rVB	47645	41837	2.69%	0.192%
10	10.334	1397	1402	1406	rBV	357990	417325	26.82%	1.920%
11	10.763	1469	1475	1479	rBV	15490	20923	1.34%	0.096%
12	11.116	1529	1535	1538	rBV	25434	34571	2.22%	0.159%
13	11.386	1574	1581	1591	rBV2	36236	69971	4.50%	0.322%
14	11.504	1596	1601	1607	rVB	12785	18568	1.19%	0.085%
15	11.657	1623	1627	1632	rVB2	14837	20299	1.30%	0.093%
16	12.116	1698	1705	1718	rVV	1162071	1384719	88.98%	6.370%
17	12.322	1736	1740	1752	rVB	21018	33835	2.17%	0.156%
18	12.651	1788	1796	1801	rBV3	25527	51252	3.29%	0.236%
19	12.698	1801	1804	1808	rVB	15503	19566	1.26%	0.090%
20	12.786	1814	1819	1826	rBV	165123	209642	13.47%	0.964%
21	12.845	1826	1829	1842	rVB4	29042	58809	3.78%	0.271%
22	12.963	1843	1849	1858	rBV3	10963	24903	1.60%	0.115%
23	13.133	1872	1878	1884	rBV	86679	122961	7.90%	0.566%
24	13.198	1884	1889	1895	rVV	441290	517104	33.23%	2.379%
25	13.251	1895	1898	1902	rVB2	15593	19494	1.25%	0.090%
26	13.557	1948	1950	1954	rVB2	15869	17223	1.11%	0.079%
27	13.622	1955	1961	1968	rVV4	19179	30817	1.98%	0.142%
28	13.739	1975	1981	1986	rBV3	15926	32125	2.06%	0.148%
29	13.786	1986	1989	1994	rVB2	19060	23489	1.51%	0.108%
30	13.892	2001	2007	2013	rBV4	23243	36220	2.33%	0.167%
31	14.022	2025	2029	2034	rVB	30613	36137	2.32%	0.166%
32	14.128	2043	2047	2061	rVB	90159	146451	9.41%	0.674%
33	14.375	2085	2089	2098	rBV5	18856	37201	2.39%	0.171%
34	14.498	2103	2110	2120	rVV	903358	1214086	78.02%	5.585%

LSC Area Percent Report

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Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

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-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.575	2121	2123	2127	rVB4	12289	15631	1.00%	0.072%
36	14.727	2146	2149	2157	rVB5	12343	17648	1.13%	0.081%
37	14.804	2158	2162	2164	rBV	30030	35837	2.30%	0.165%
38	14.869	2169	2173	2191	rVB2	243716	412139	26.48%	1.896%
39	15.227	2230	2234	2239	rBV6	14232	32345	2.08%	0.149%
40	15.322	2248	2250	2257	rVB5	12904	17627	1.13%	0.081%
41	15.516	2280	2283	2287	rVB	34840	34853	2.24%	0.160%
42	15.563	2288	2291	2293	rBV2	13496	16620	1.07%	0.076%
43	15.598	2293	2297	2301	rVV	419398	504334	32.41%	2.320%
44	15.633	2301	2303	2310	rVB	218703	220228	14.15%	1.013%
45	15.710	2313	2316	2320	rVV	39580	40824	2.62%	0.188%
46	15.880	2343	2345	2350	rVB4	12490	15802	1.02%	0.073%
47	15.963	2356	2359	2364	rBV	18137	24371	1.57%	0.112%
48	16.157	2389	2392	2396	rBV	37164	39796	2.56%	0.183%
49	16.357	2422	2426	2429	rBV	41729	50737	3.26%	0.233%
50	16.398	2429	2433	2440	rVB	71494	94080	6.05%	0.433%
51	16.498	2445	2450	2455	rBV2	189731	277672	17.84%	1.277%
52	16.698	2481	2484	2488	rVB	42493	46996	3.02%	0.216%
53	16.745	2489	2492	2495	rVB	34243	34589	2.22%	0.159%
54	16.804	2496	2502	2506	rBV2	35579	72750	4.68%	0.335%
55	16.998	2533	2535	2539	rVB5	17706	18103	1.16%	0.083%
56	17.139	2556	2559	2563	rBV2	53811	68300	4.39%	0.314%
57	17.186	2565	2567	2571	rBV4	23514	30289	1.95%	0.139%
58	17.280	2581	2583	2587	rVB	38015	41039	2.64%	0.189%
59	17.351	2590	2595	2599	rBV	351665	380136	24.43%	1.749%
60	17.439	2607	2610	2613	rBV3	19963	23773	1.53%	0.109%
61	17.474	2613	2616	2619	rVB3	19819	21597	1.39%	0.099%
62	17.545	2624	2628	2631	rBV4	32639	44840	2.88%	0.206%
63	17.580	2631	2634	2640	rVV	74804	103393	6.64%	0.476%
64	17.657	2642	2647	2651	rVB	290269	380540	24.45%	1.751%
65	17.786	2666	2669	2671	rVB	33251	27326	1.76%	0.126%
66	17.886	2681	2686	2690	rVB	1226915	1274270	81.89%	5.862%
67	18.257	2744	2749	2755	rBV4	55674	102006	6.56%	0.469%
68	18.592	2803	2806	2808	rBV3	38510	35197	2.26%	0.162%
69	18.627	2808	2812	2815	rVV	71051	78246	5.03%	0.360%
70	18.710	2823	2826	2831	rVB	55199	63780	4.10%	0.293%
71	18.774	2834	2837	2840	rBV	49245	57877	3.72%	0.266%

LSC Area Percent Report

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Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
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72	18.916	2859	2861	2865	rVB2	32097	37530	2.41%	0.173%
73	19.133	2894	2898	2908	rVB2	168751	255633	16.43%	1.176%
74	19.251	2908	2918	2921	rBV2	493416	828276	53.23%	3.810%
75	19.286	2921	2924	2928	rVB2	176313	228295	14.67%	1.050%
76	19.539	2964	2967	2971	rBV	99938	111385	7.16%	0.512%
77	19.592	2972	2976	2983	rVV	425742	446103	28.67%	2.052%
78	19.674	2987	2990	2994	rVB	107870	112591	7.24%	0.518%
79	19.933	3030	3034	3037	rBV	154226	173984	11.18%	0.800%
80	20.074	3055	3058	3063	rVB	181268	183240	11.78%	0.843%
81	20.280	3089	3093	3096	rBV	247469	320774	20.61%	1.476%
82	20.310	3096	3098	3105	rVB2	258491	321783	20.68%	1.480%
83	20.539	3133	3137	3141	rBV	172567	291665	18.74%	1.342%
84	20.704	3161	3165	3171	rBV	248719	315438	20.27%	1.451%
85	20.886	3192	3196	3200	rBV	84729	114483	7.36%	0.527%
86	20.951	3204	3207	3214	rVB	118752	147703	9.49%	0.679%
87	21.027	3215	3220	3224	rBV	279398	392295	25.21%	1.805%
88	21.145	3235	3240	3246	rVB	199313	311878	20.04%	1.435%
89	21.645	3319	3325	3332	rBV	112030	212953	13.68%	0.980%
90	22.662	3494	3498	3508	rVB3	64063	154668	9.94%	0.712%
91	23.151	3577	3581	3588	rVB2	55274	114137	7.33%	0.525%

Sum of corrected areas: 21737368

LSC Report - Integrated Chromatogram

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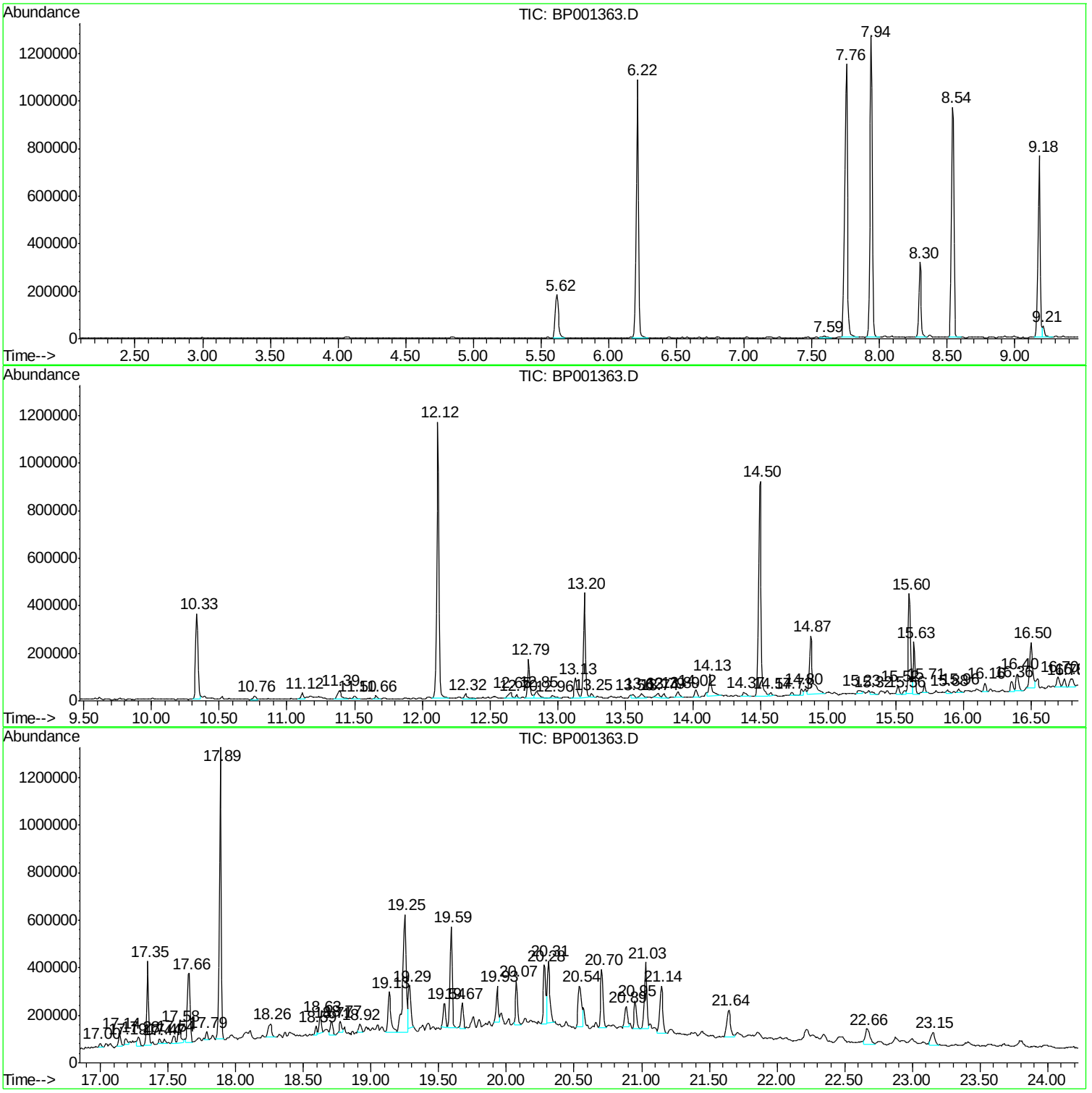
Acq On : 23 Dec 2019 13:09
Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001363.D
Acq On : 23 Dec 2019 13:09
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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

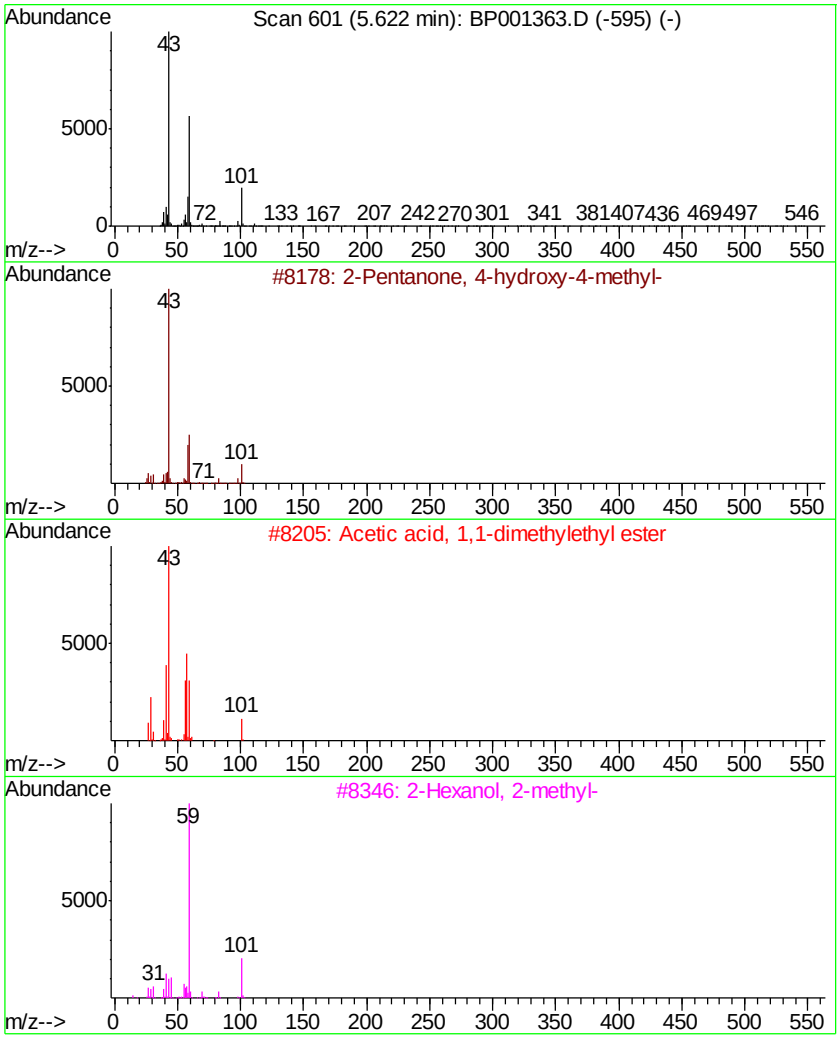
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

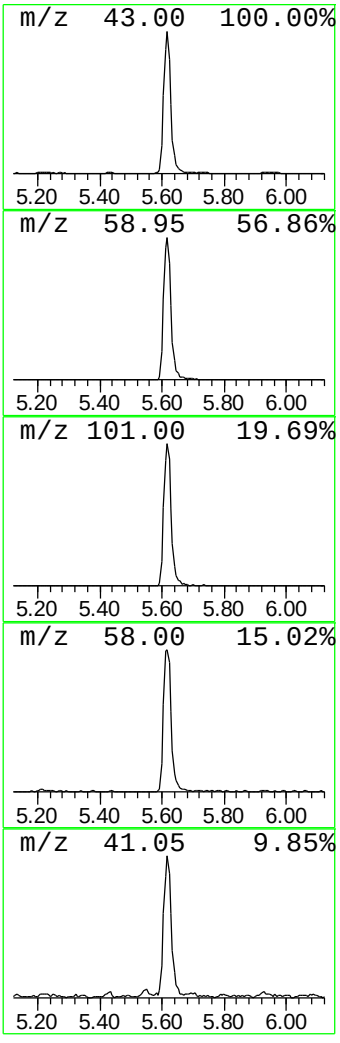
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.55 ng	287682	1,4-Dichlorobenzene-d4	8.30

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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001363.D
Acq On : 23 Dec 2019 13:09
Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

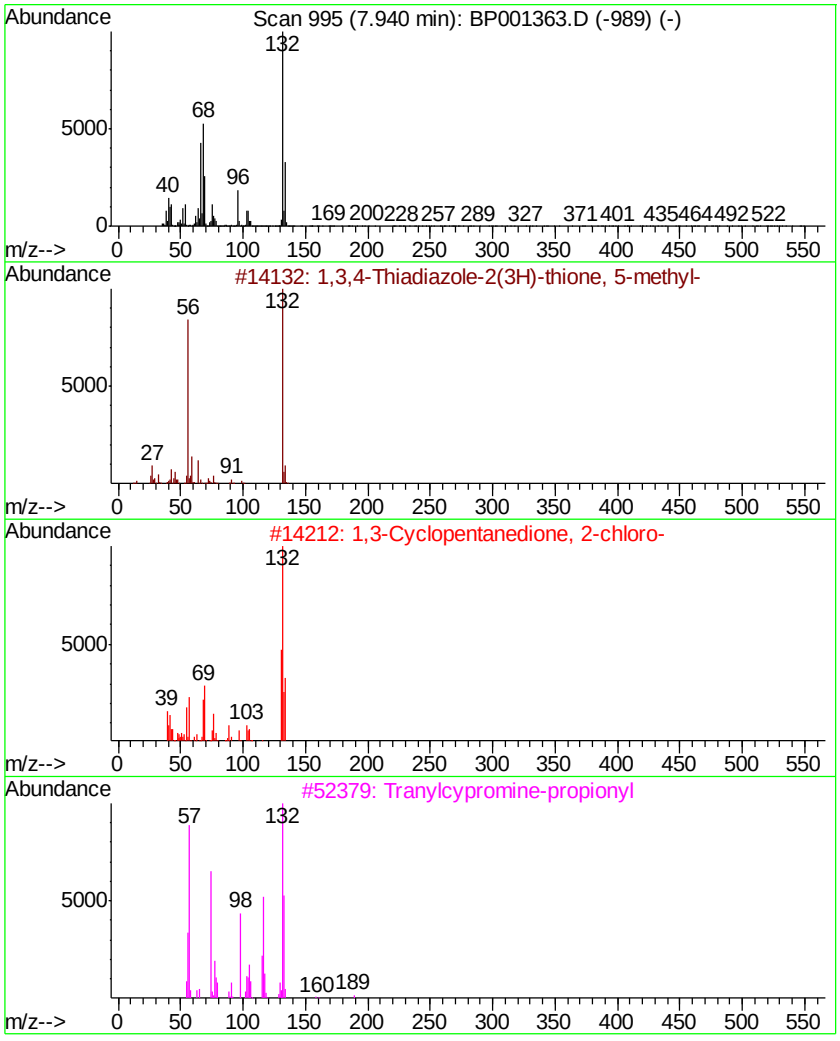
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

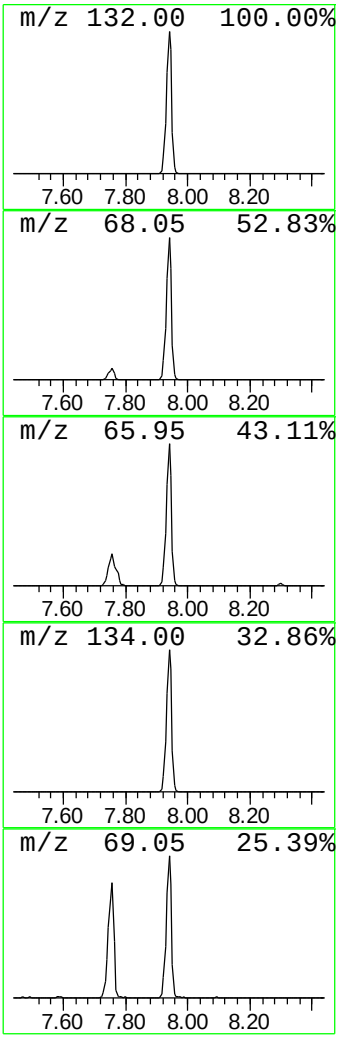
****

Peak Number 2 unknown7.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	82.13 ng	1519170	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





Library Search Compound Report

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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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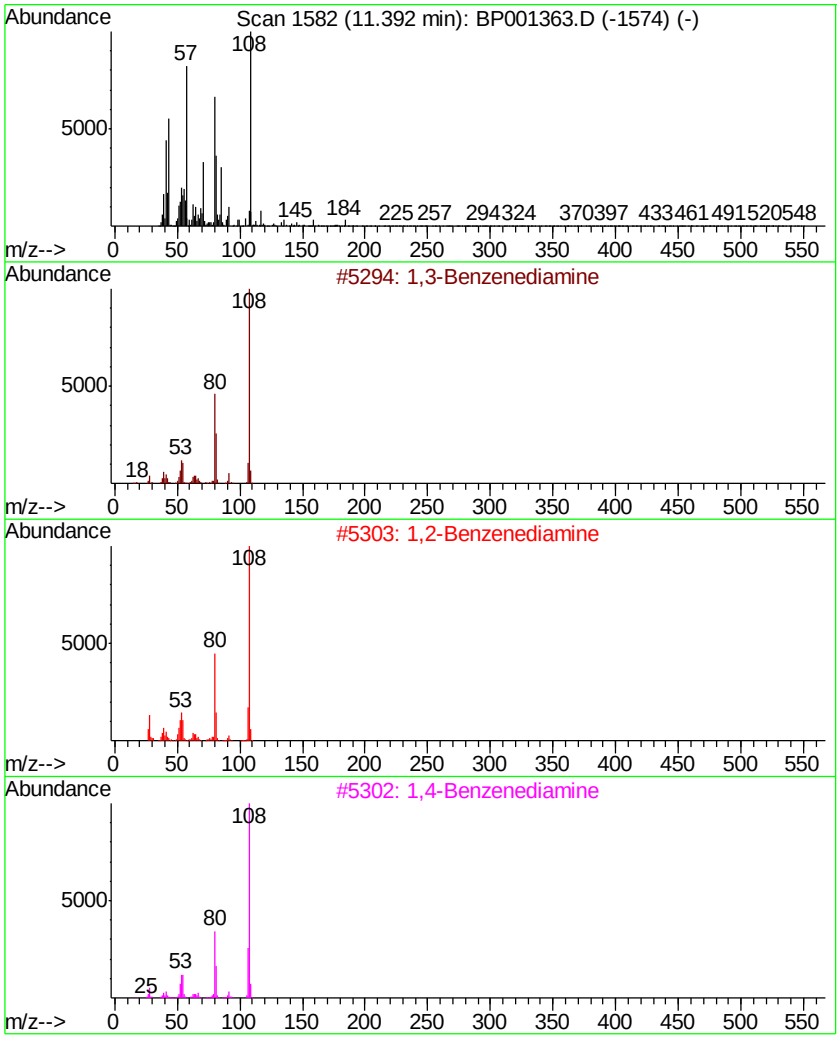
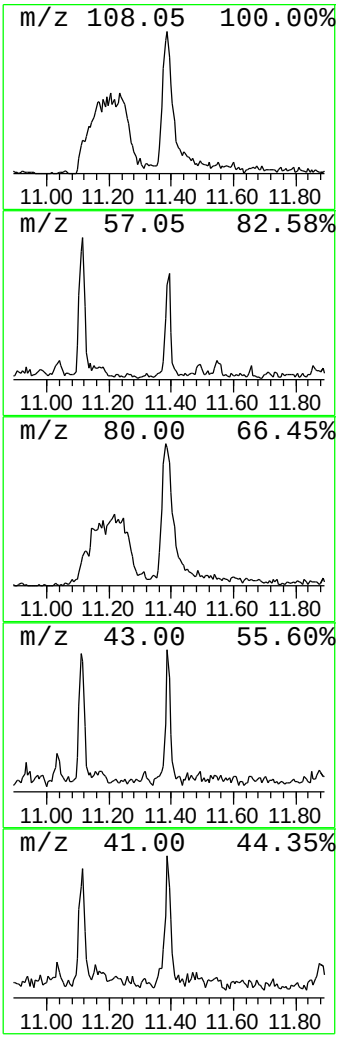
Peak Number 4 1,3-Benzenediamine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.35 ng	69971	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine	108	C6H8N2	000108-45-2	95
2	1,2-Benzenediamine	108	C6H8N2	000095-54-5	70
3	1,4-Benzenediamine	108	C6H8N2	000106-50-3	64
4	2-Pyridinamine, 3-methyl-	108	C6H8N2	001603-40-3	52
5	2-Pyridinamine, 5-methyl-	108	C6H8N2	001603-41-4	52





Library Search Compound Report

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Operator : JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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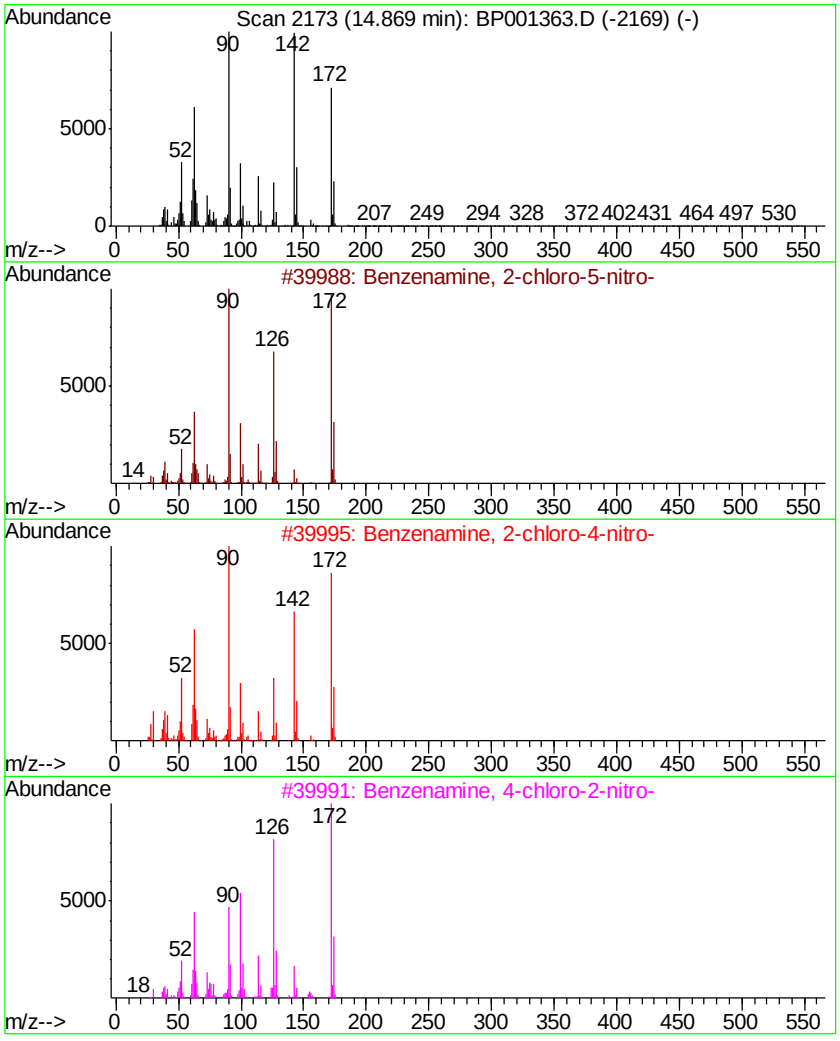
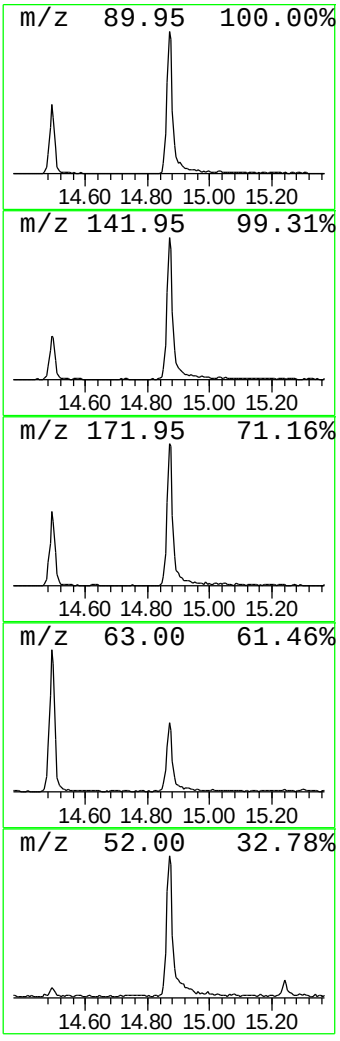
Peak Number 6 Benzenamine, 2-chloro-5-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	16.34 ng	412139	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-chloro-5-nitro-	172	C6H5ClN2O2	006283-25-6	94
2	Benzenamine, 2-chloro-4-nitro-	172	C6H5ClN2O2	000121-87-9	87
3	Benzenamine, 4-chloro-2-nitro-	172	C6H5ClN2O2	000089-63-4	86
4	Benzenamine, 4-chloro-3-nitro-	172	C6H5ClN2O2	000635-22-3	43
5	Benzenamine, 3-chloro-4-nitro-	172	C6H5ClN2O2	000825-41-2	38





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Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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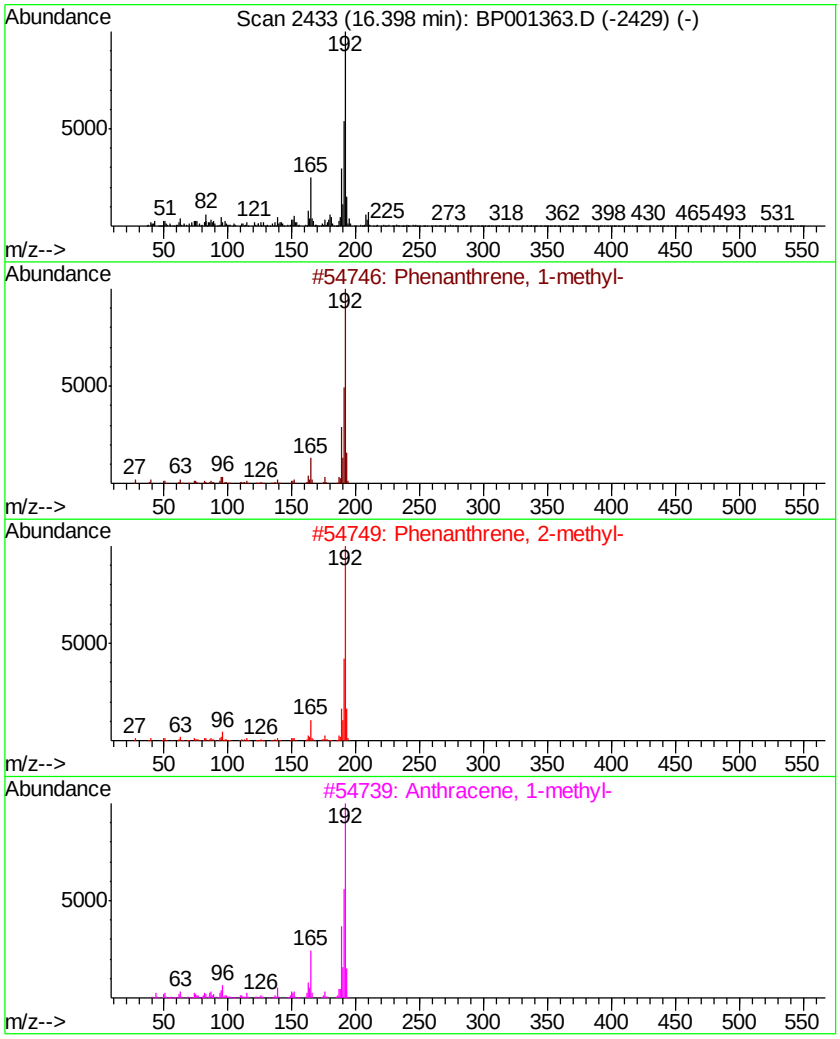
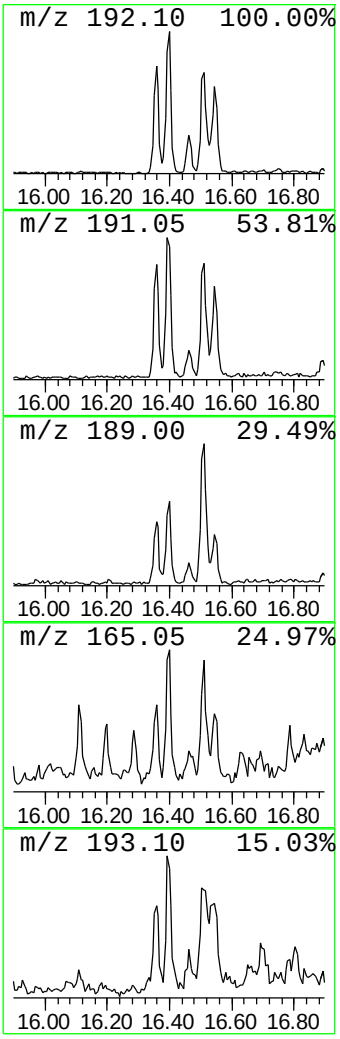
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.73 ng	94080	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001363.D
Acq On : 23 Dec 2019 13:09
Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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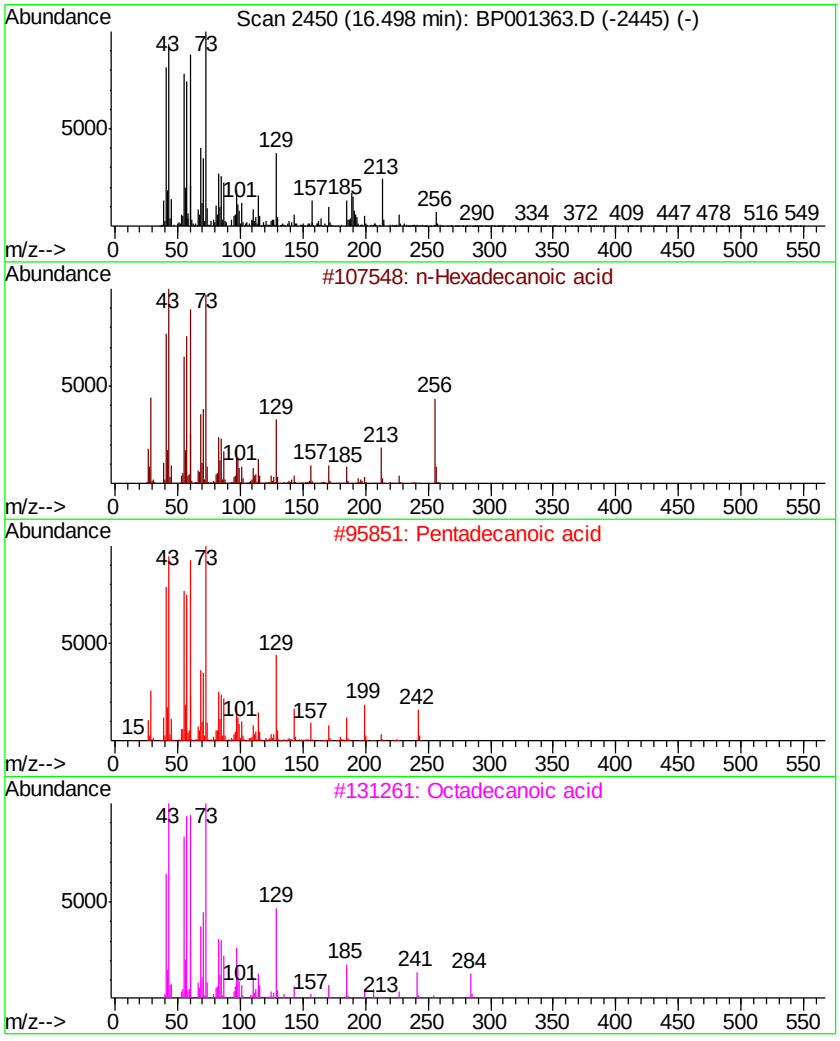
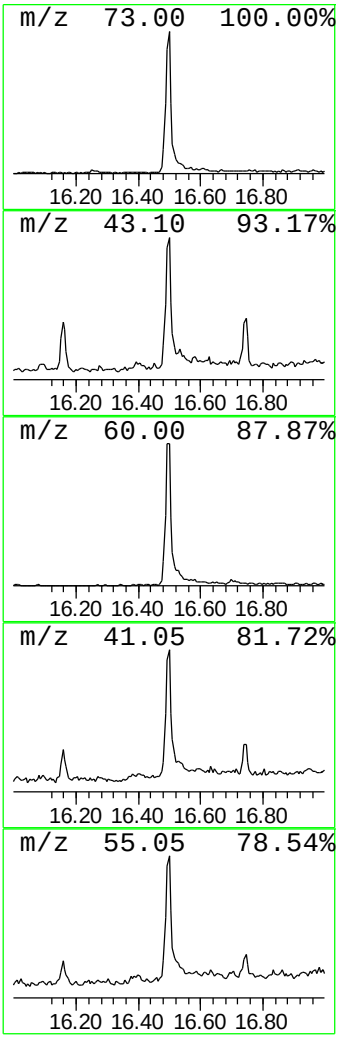
Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	11.01 ng	277672	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Operator : JU
Sample : K6370-05
Misc :
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Instrument : BNA_P
ClientSampleId : TP2-3

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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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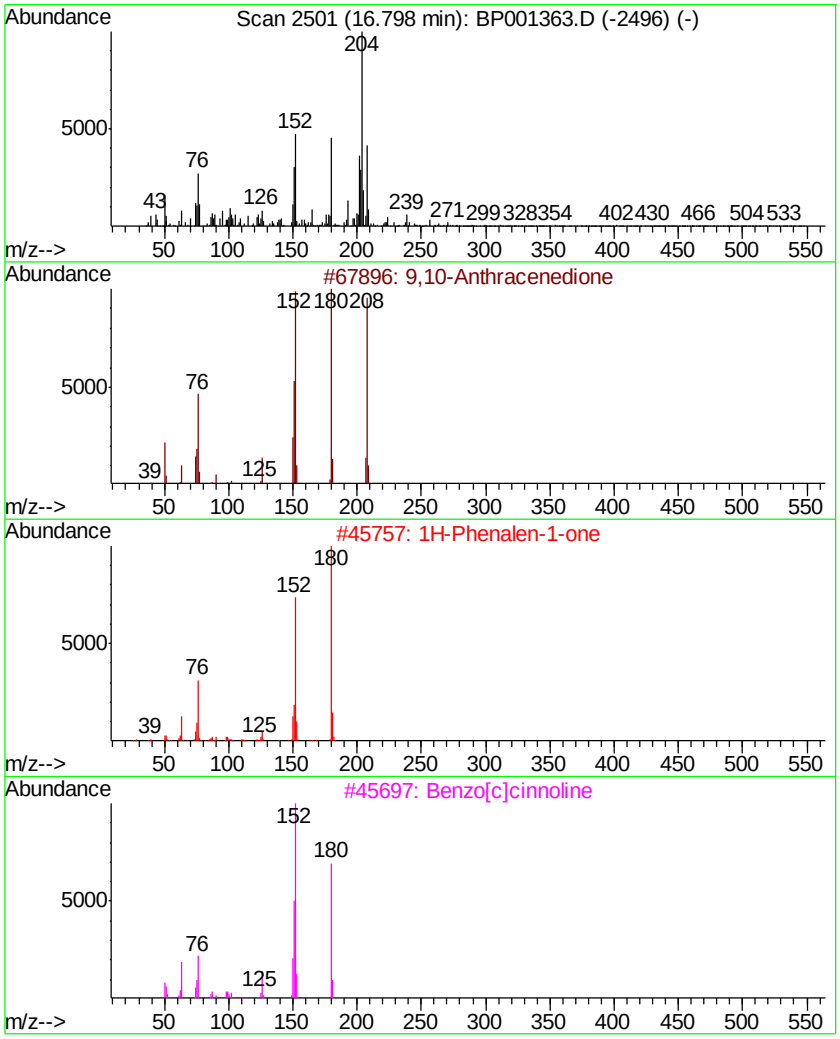
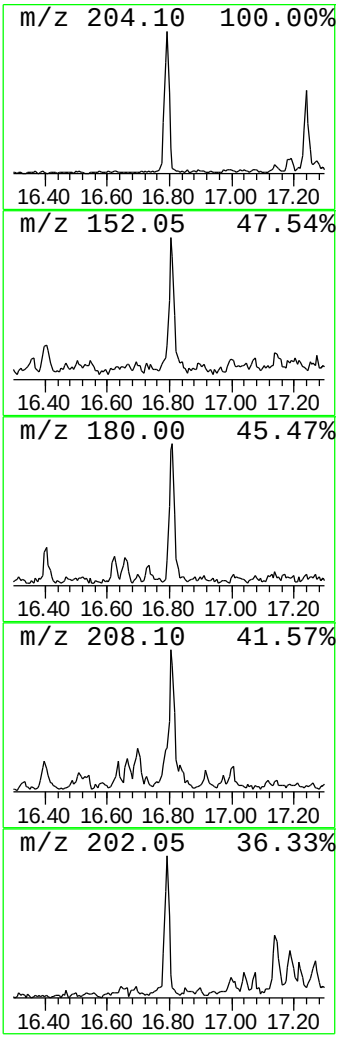
Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.88 ng	72750	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	50
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	18





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ClientSampleId : TP2-3

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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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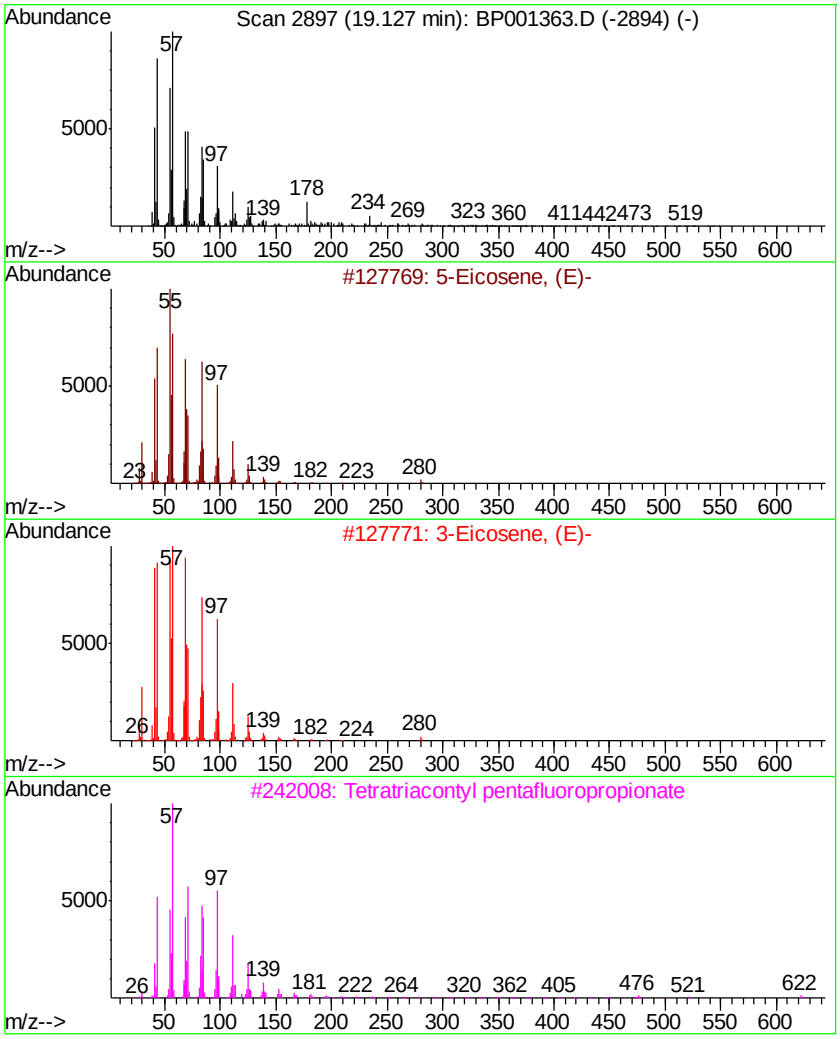
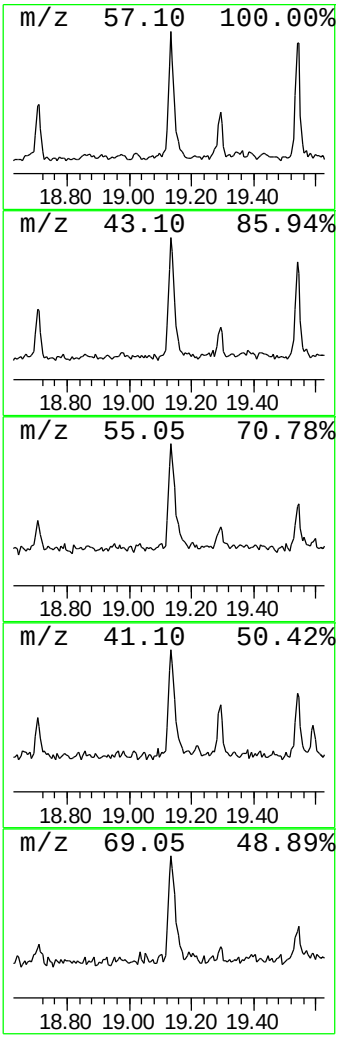
Peak Number 10 5-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	6.17 ng	255633	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91





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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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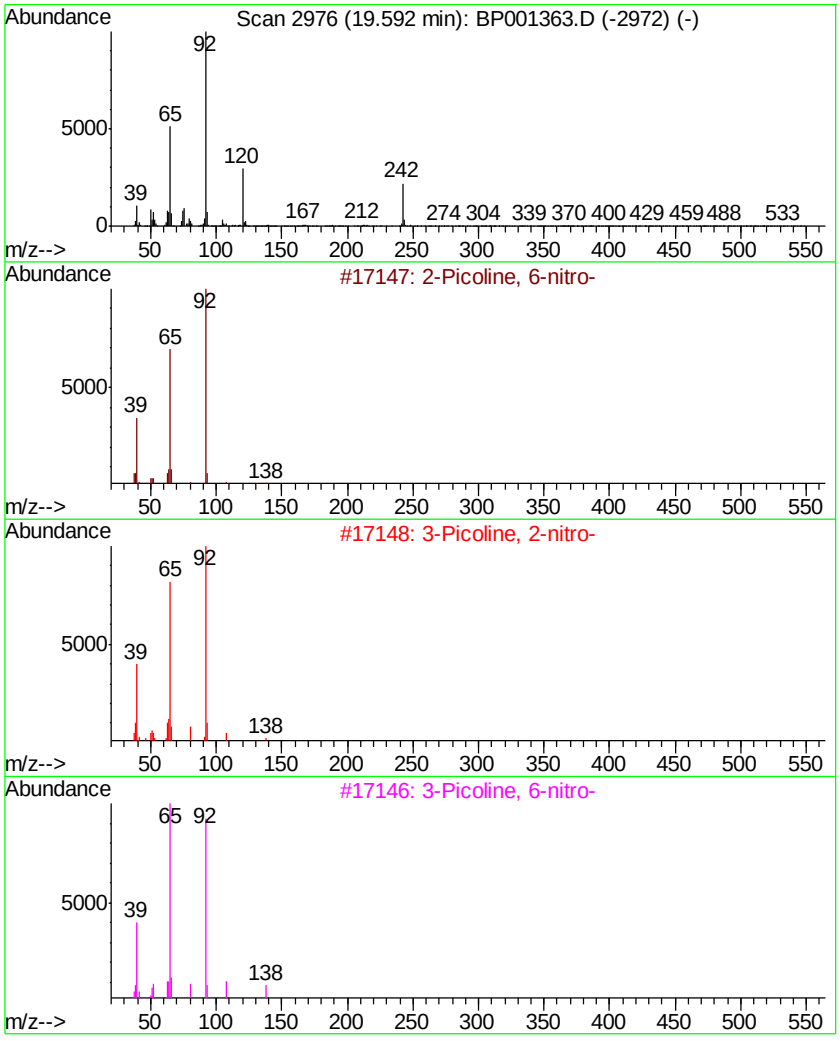
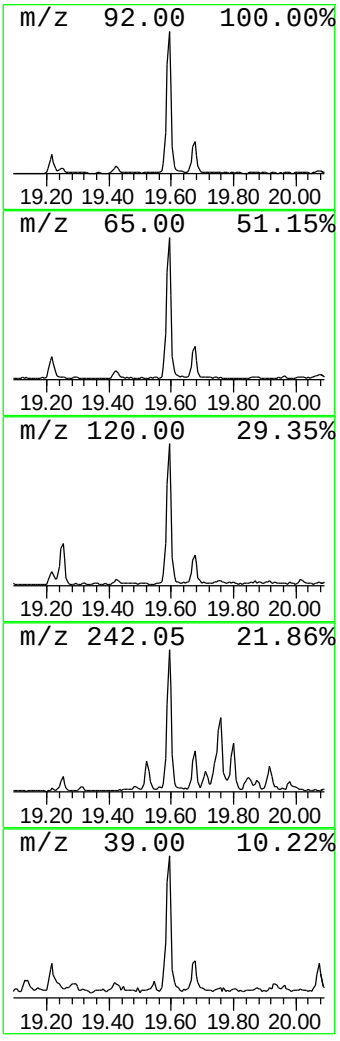
Peak Number 11 2-Picoline, 6-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	10.77 ng	446103	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Picoline, 6-nitro-	138	C6H6N2O2	018368-61-1	64
2	3-Picoline, 2-nitro-	138	C6H6N2O2	018368-73-5	50
3	3-Picoline, 6-nitro-	138	C6H6N2O2	001074-38-0	50
4	Pyridine, 4-methyl-2-nitro-	138	C6H6N2O2	018368-71-3	47
5	1H-Azepine, 1-(phenylsulfonyl)-	233	C12H11NO2S	020646-54-2	39





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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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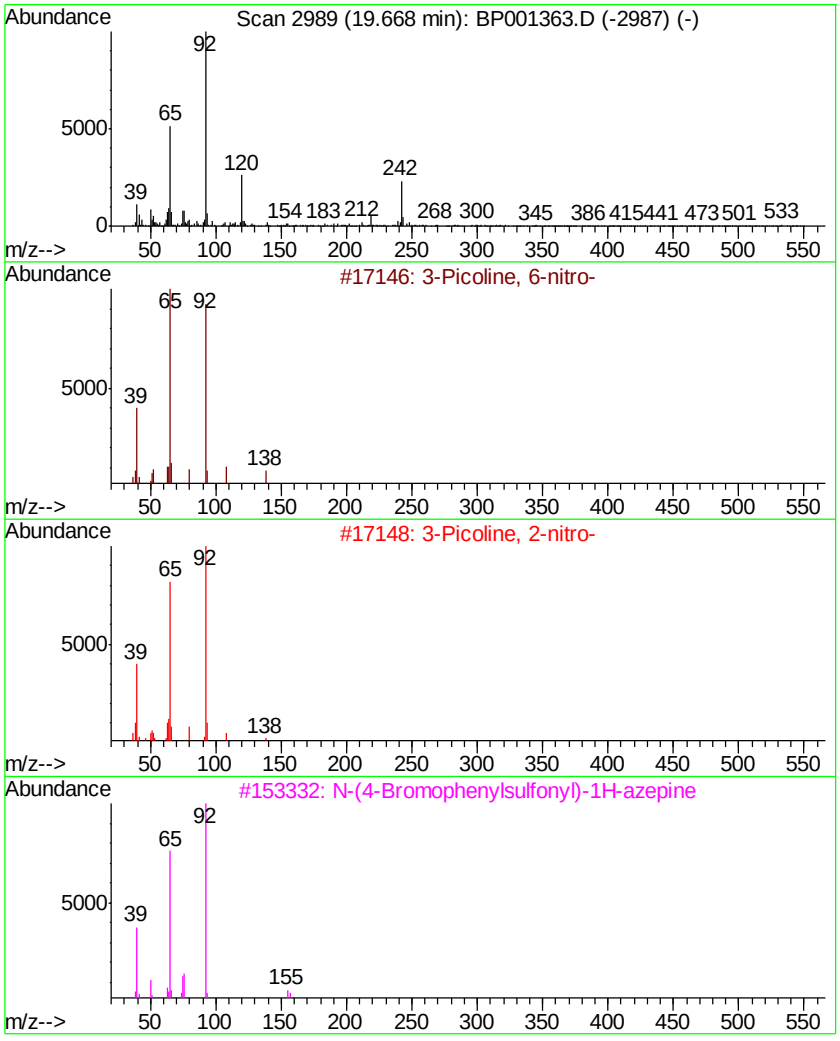
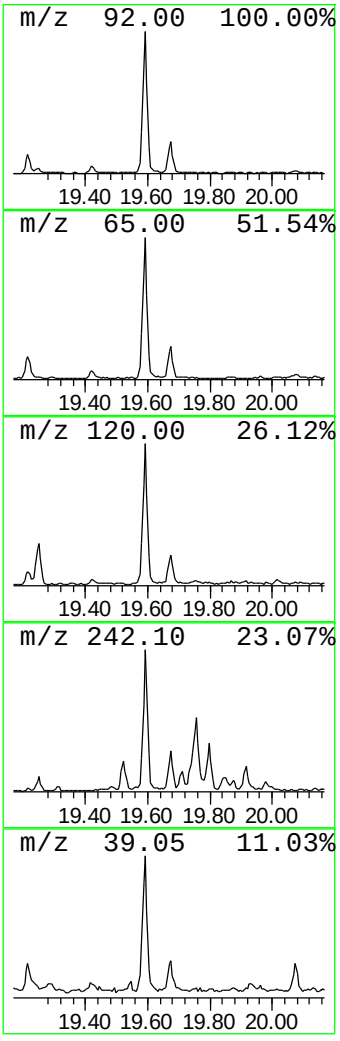
Peak Number 12 3-Picoline, 6-nitro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.72 ng	112591	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Picoline, 6-nitro-	138	C6H6N2O2	001074-38-0	59
2	3-Picoline, 2-nitro-	138	C6H6N2O2	018368-73-5	59
3	N-(4-Bromophenylsulfonyl)-1H-aze...	311	C12H10BrNO2S	020646-55-3	50
4	Benzenamine, N-hydroxy-	109	C6H7NO	000100-65-2	45
5	Pyridine, 4-methyl-2-nitro-	138	C6H6N2O2	018368-71-3	45





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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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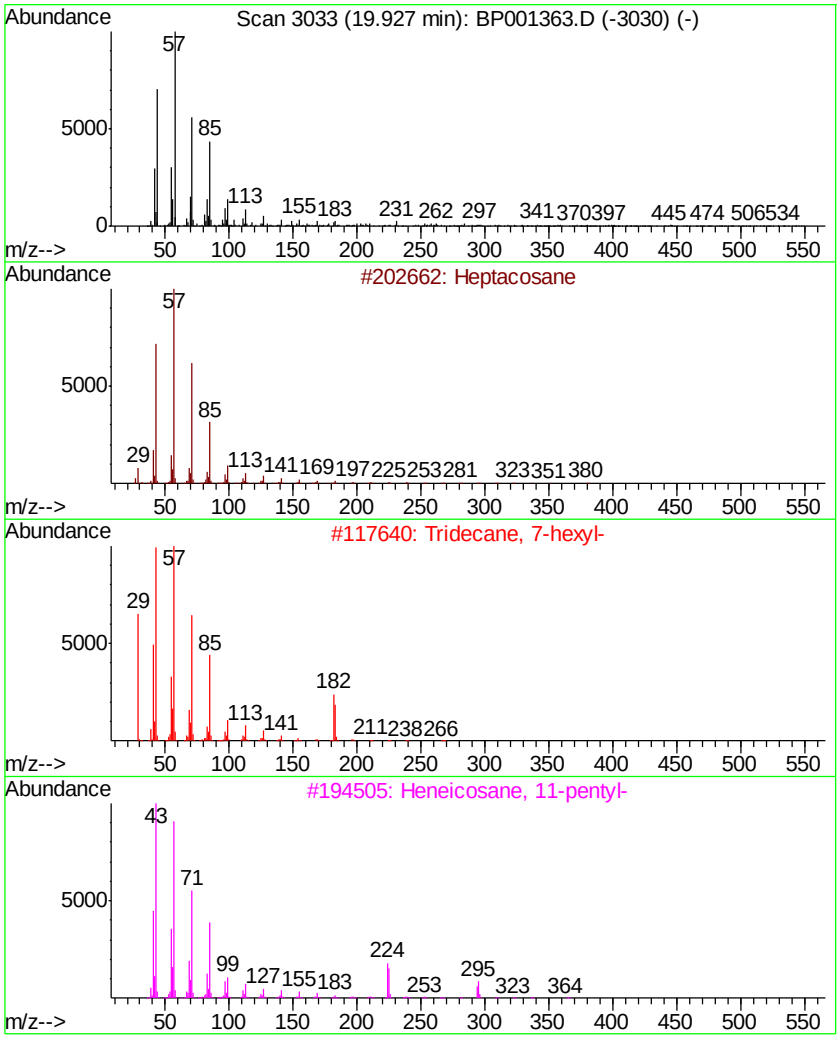
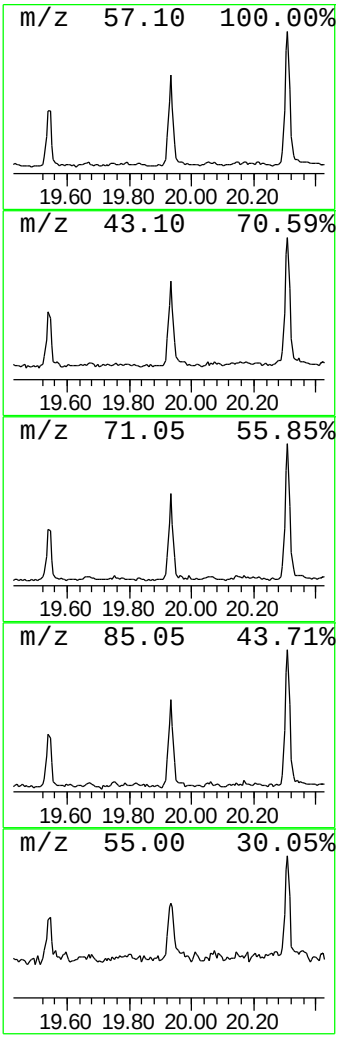
Peak Number 13 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.20 ng	173984	Chrysene-d12	19.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hentriacontane	437	C31H64	000630-04-6	90





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Instrument : BNA_P
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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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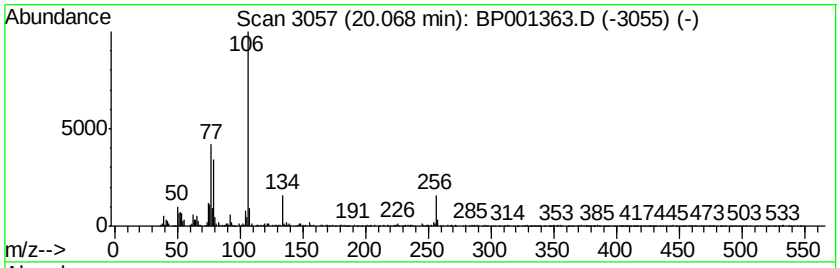
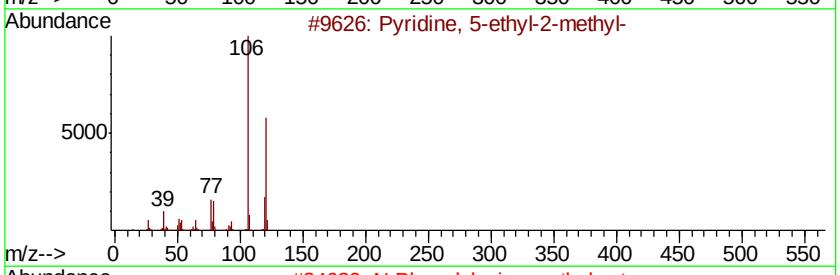
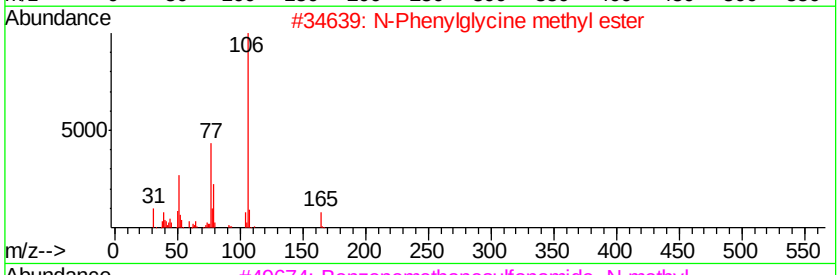
Peak Number 14 Pyridine, 5-ethyl-2-methyl- Concentration Rank 15

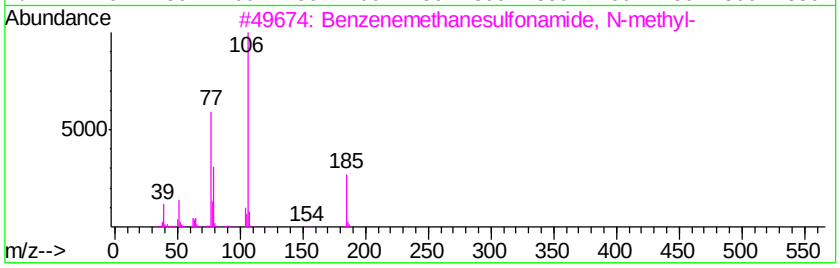
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	4.42 ng	183240	Chrysene-d12	19.25

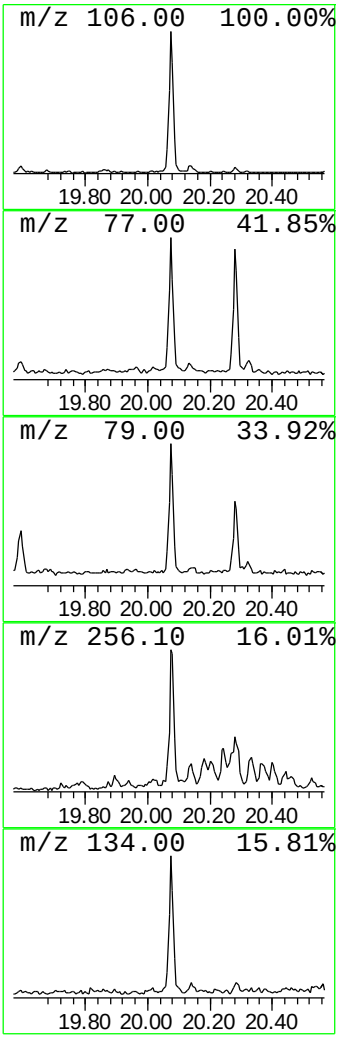
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 5-ethyl-2-methyl-	121	C8H11N	000104-90-5	68
2	N-Phenylglycine methyl ester	165	C9H11NO2	023284-84-6	59
3	Benzenemethanesulfonamide, N-met...	185	C8H11NO2S	019299-41-3	53
4	N-(p-Nitrophenethyl)aniline	242	C14H14N2O2	000841-19-0	53
5	N-Benzylbenzenesulfonamide	247	C13H13NO2S	000837-18-3	53











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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

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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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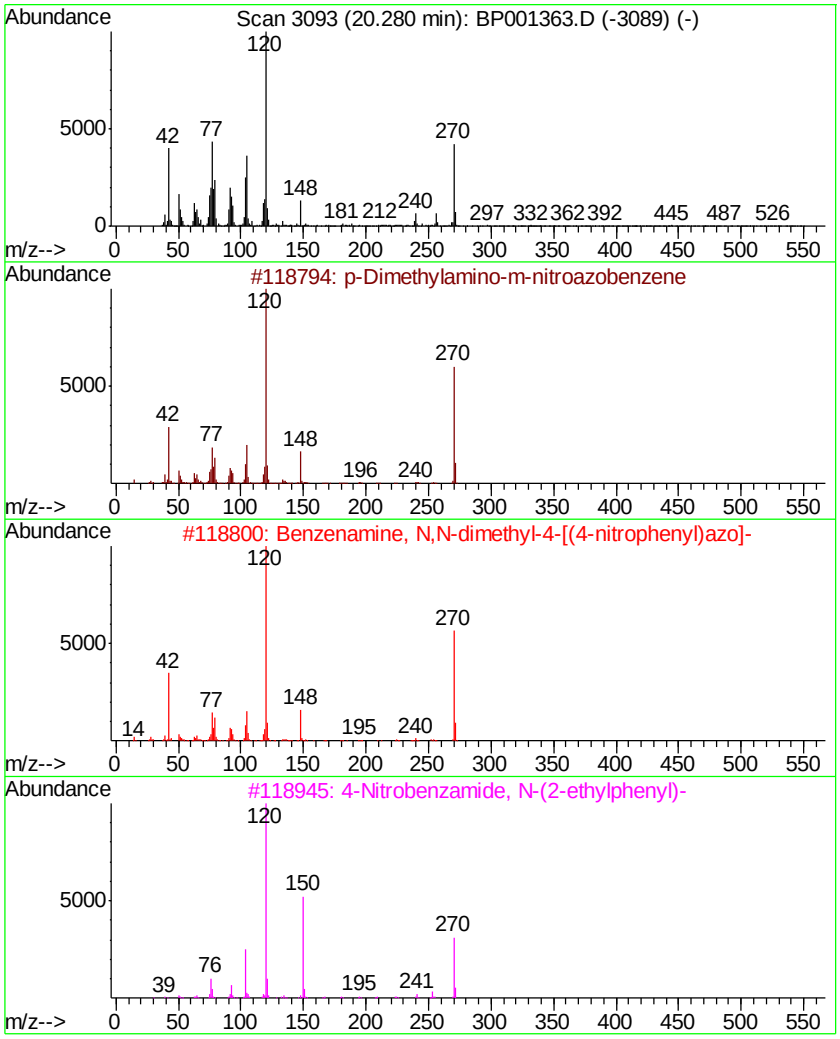
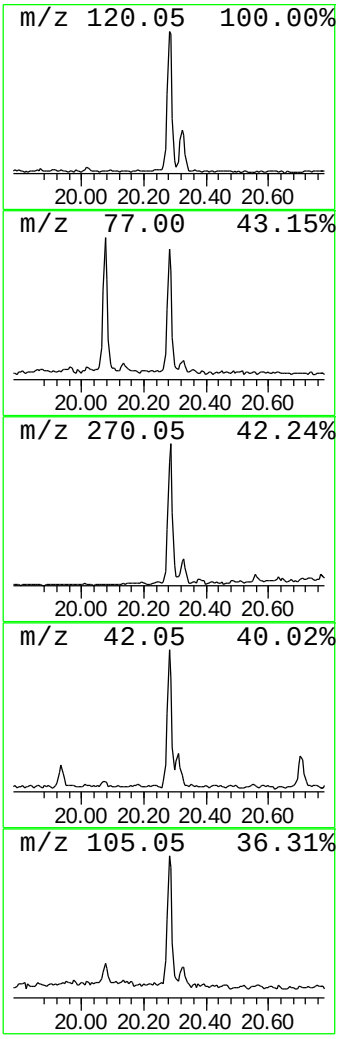
Peak Number 15 p-Dimethylamino-m-nitroazob... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	16.35 ng	320774	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Dimethylamino-m-nitroazobenzene	270	C14H14N4O2	003837-55-6	81
2	Benzenamine, N,N-dimethyl-4-[(4-...	270	C14H14N4O2	002491-74-9	52
3	4-Nitrobenzamide, N-(2-ethylphen...	270	C15H14N2O3	1000345-71-1	49
4	Aniline, N,N-dimethyl-p-((o-nitr...	270	C14H14N4O2	003010-38-6	47
5	Cyclobutanol, 1-phenyl-	148	C10H12O	000935-64-8	47





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ClientSampleId : TP2-3

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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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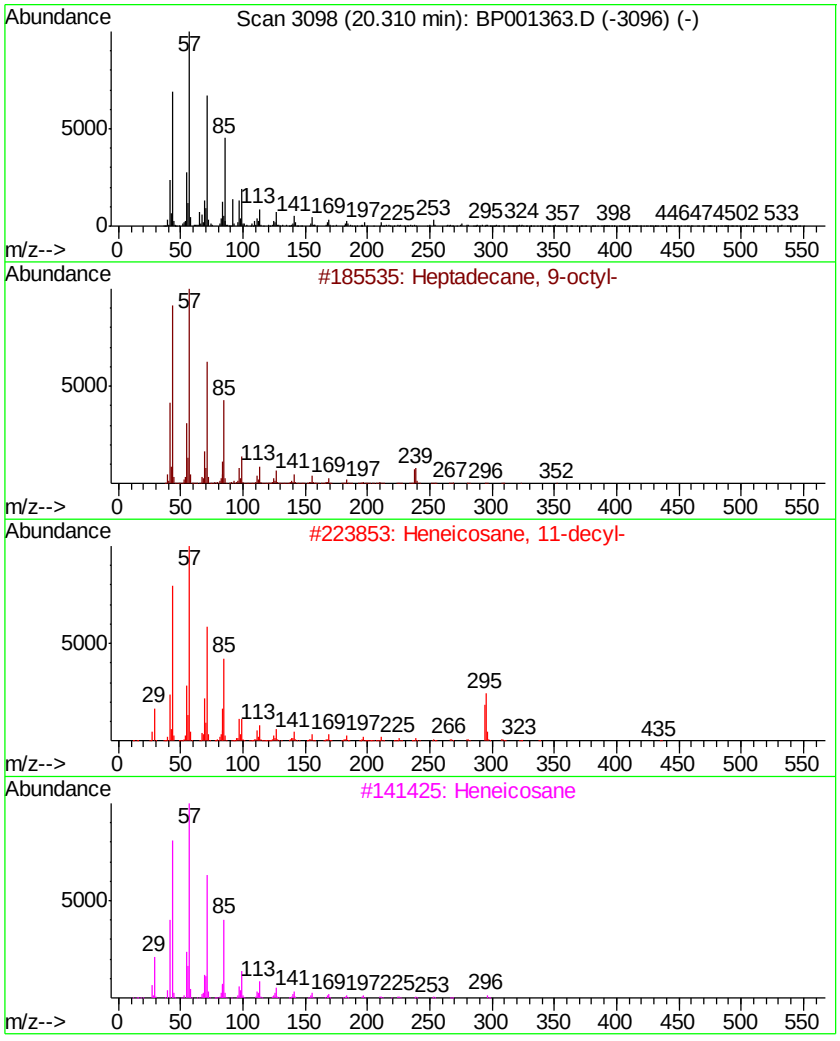
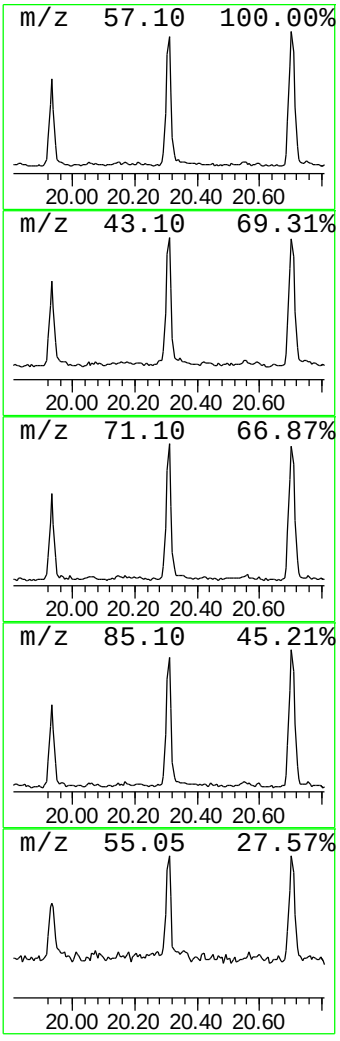
Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	16.41 ng	321783	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tricosane	324	C23H48	000638-67-5	86
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	83





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ClientSampleId : TP2-3

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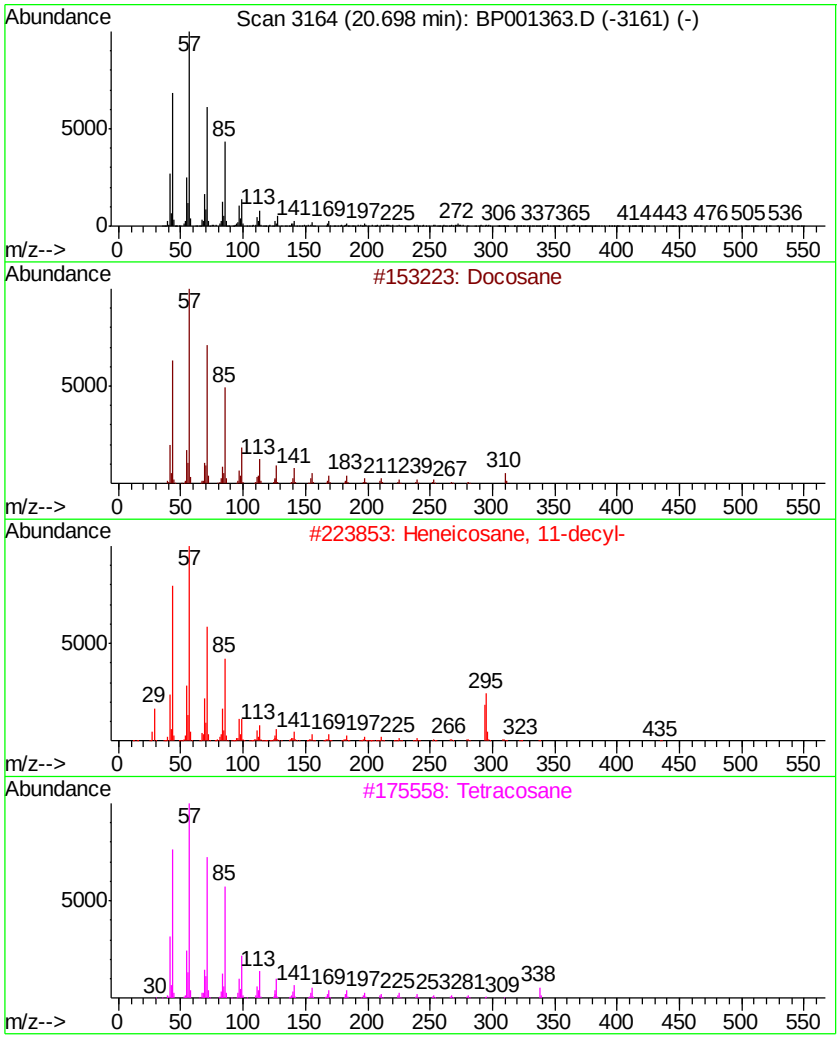
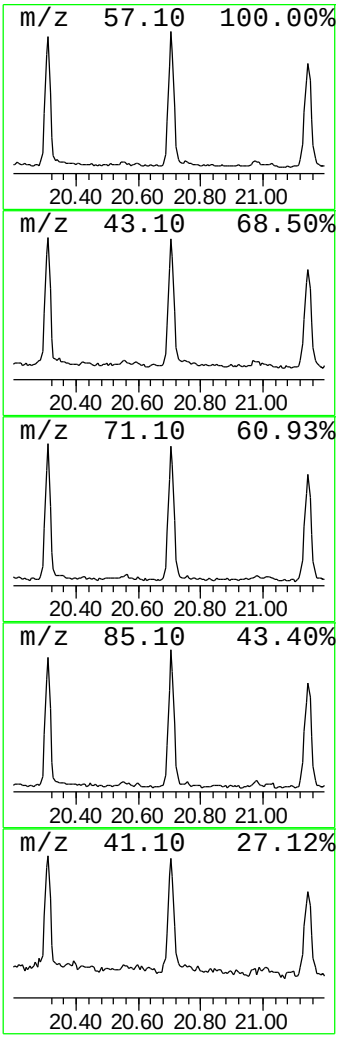
Peak Number 17 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	16.08 ng	315438	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
3	Tetracosane	338	C24H50	000646-31-1	94
4	Hexatriacontane	507	C36H74	000630-06-8	93
5	Octacosane	394	C28H58	000630-02-4	91





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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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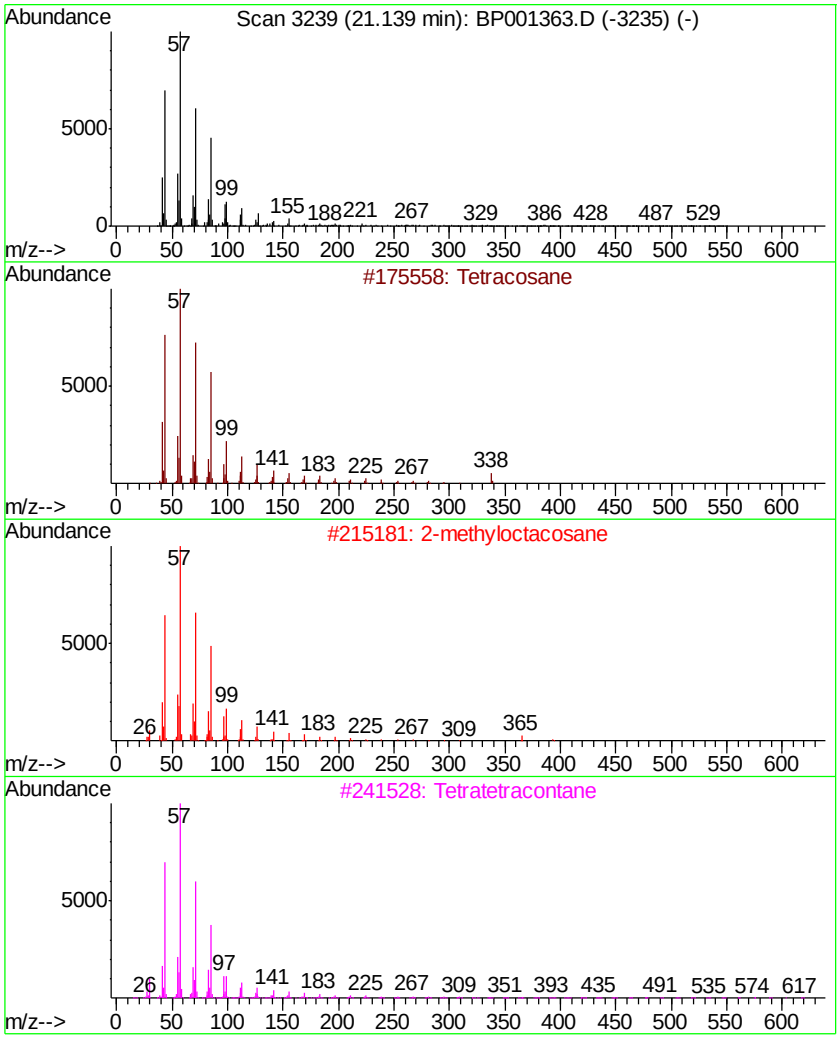
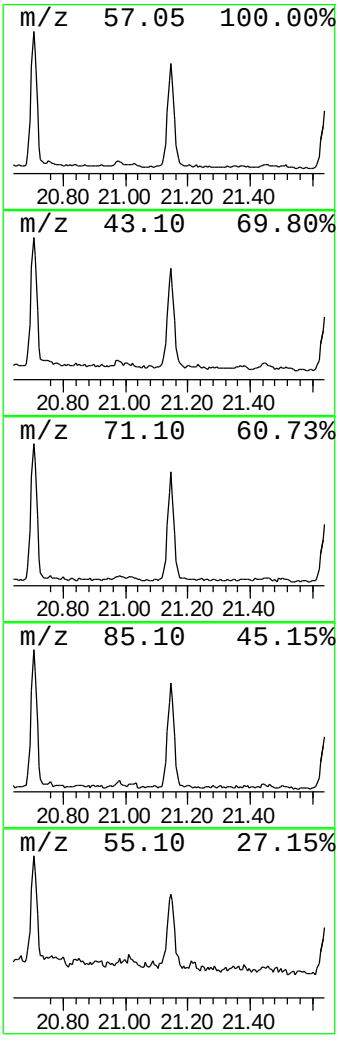
Peak Number 19 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	15.90 ng	311878	Perylene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
5	Heptacosane	380	C27H56	000593-49-7	87





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TIC Library : C:\DATABASE\NIST11.L
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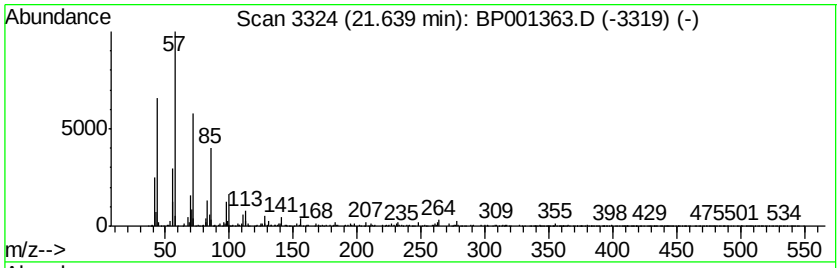
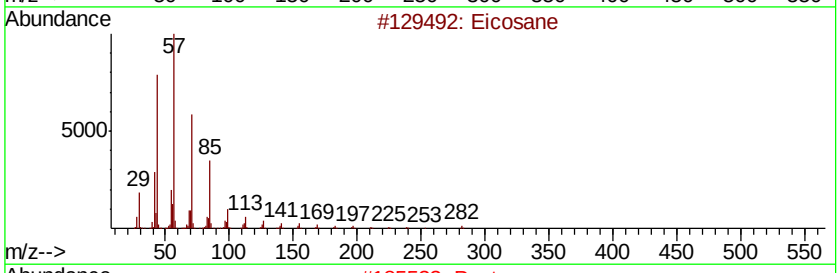
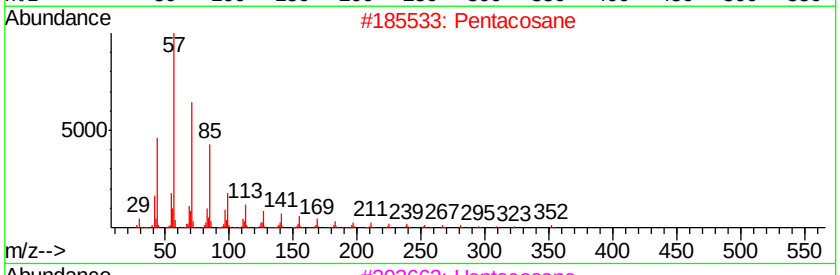
Peak Number 20 Eicosane Concentration Rank 10

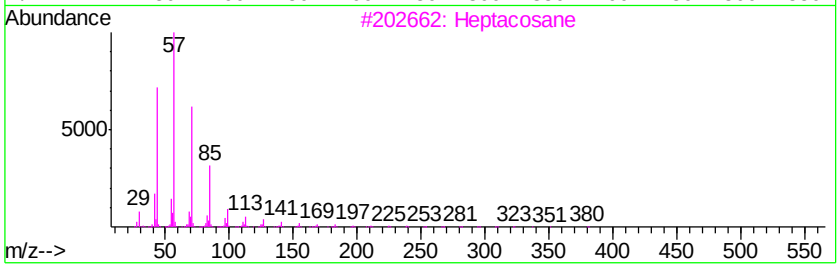
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	10.86 ng	212953	Perylene-d12	21.03

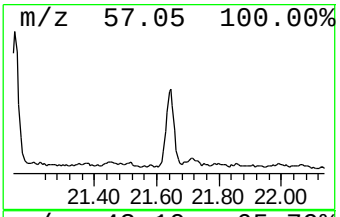
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentacosane	352	C25H52	000629-99-2	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Hexacosane	366	C26H54	000630-01-3	87

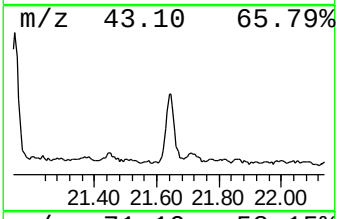


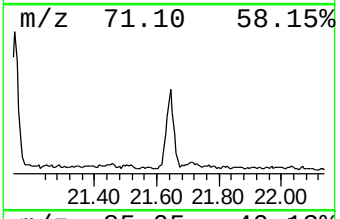


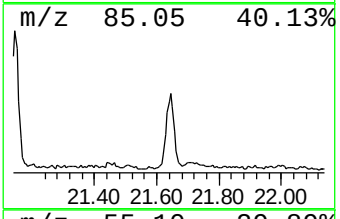


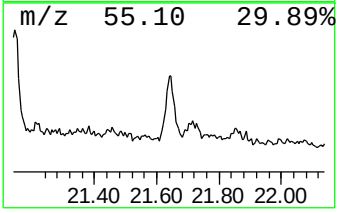












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122319\
Data File : BP001363.D
Acq On : 23 Dec 2019 13:09
Operator : JU
Sample : K6370-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
2-Pentanone, 4-hy...	5.62	15.6	ng	287682	1	8.30	369959	20.0
unknown7.94	7.94	82.1	ng	1519170	1	8.30	369959	20.0
1,3-Benzenediamine	11.39	3.4	ng	69971	2	10.33	417325	20.0
Benzenamine, 2-ch...	14.87	16.3	ng	412139	4	15.60	504334	20.0
Phenanthrene, 1-m...	16.40	3.7	ng	94080	4	15.60	504334	20.0
n-Hexadecanoic acid	16.50	11.0	ng	277672	4	15.60	504334	20.0
9,10-Anthracenedione	16.80	2.9	ng	72750	4	15.60	504334	20.0
5-Eicosene, (E)-	19.13	6.2	ng	255633	5	19.25	828276	20.0
2-Picoline, 6-nitro-	19.59	10.8	ng	446103	5	19.25	828276	20.0
3-Picoline, 6-nitro-	19.67	2.7	ng	112591	5	19.25	828276	20.0
Heptacosane	19.93	4.2	ng	173984	5	19.25	828276	20.0
Pyridine, 5-ethyl...	20.07	4.4	ng	183240	5	19.25	828276	20.0
p-Dimethylamino-m...	20.28	16.4	ng	320774	6	21.03	392295	20.0
Heptadecane, 9-oc...	20.31	16.4	ng	321783	6	21.03	392295	20.0
Docosane	20.70	16.1	ng	315438	6	21.03	392295	20.0
Tetracosane	21.14	15.9	ng	311878	6	21.03	392295	20.0
Eicosane	21.64	10.9	ng	212953	6	21.03	392295	20.0