LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001235.D
Acq On : 06 Dec 2019 17:54
Operator : JU
Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

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-BP112719.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	4.058	326	335	342	rBV	79974	142508	3.69%	0.234%
2	5.611	594	599	612	rVB	271469	417872	10.82%	0.686%
3	6.210	695	701	712	rVB	1532069	1918357	49.69%	3.151%
4	7.752	957	963	973	rBV	1613917	2223962	57.61%	3.653%
5	7.940	989	995	1000	rBV	1640619	2076956	53.80%	3.411%
6	8.069	1009	1017	1024	rBV2	54826	70410	1.82%	0.116%
7	8.305	1052	1057	1065	rBV	467069	539282	13.97%	0.886%
8	8.446	1077	1081	1089	rVB	86436	97273	2.52%	0.160%
9	8.546	1092	1098	1103	rBV	1378206	1540129	39.90%	2.529%
10	9.187	1200	1207	1211	rBV	1112726	1360056	35.23%	2.234%
11	10.340	1398	1403	1405	rBV	535567	645199	16.71%	1.060%
12	10.375	1405	1409	1413	rVV	1894220	2137799	55.38%	3.511%
13	10.410	1413	1415	1419	rVV	108159	104882	2.72%	0.172%
14	10.451	1419	1422	1427	rVB	73791	89987	2.33%	0.148%
15	10.904	1495	1499	1506	rBV	103362	121290	3.14%	0.199%
16	11.504	1595	1601	1606	rVB	1512652	1686921	43.70%	2.771%
17	11.587	1609	1615	1620	rVV3	64263	111157	2.88%	0.183%
18	11.657	1620	1627	1639	rVB	759087	935879	24.24%	1.537%
19	12.116	1698	1705	1710	rVV	2031031	2333936	60.46%	3.833%
20	12.269	1726	1731	1736	rVB	510346	581691	15.07%	0.955%
21	12.422	1752	1757	1764	rVB	199266	256034	6.63%	0.421%
22	12.528	1767	1775	1776	rBV	197646	250923	6.50%	0.412%
23	12.651	1788	1796	1800	rBV	292232	394444	10.22%	0.648%
24	12.693	1800	1803	1807	rVB	194210	211116	5.47%	0.347%
25	12.787	1815	1819	1823	rVB	190461	215281	5.58%	0.354%
26	12.840	1823	1828	1831	rBV2	124422	161289	4.18%	0.265%
27	12.975	1842	1851	1859	rBV3	78795	132289	3.43%	0.217%
28	13.198	1884	1889	1893	rBV	819006	950584	24.62%	1.561%
29	13.251	1893	1898	1902	rVV	1393853	1629275	42.21%	2.676%
30	13.298	1902	1906	1914	rVB2	79579	154430	4.00%	0.254%
31	13.392	1918	1922	1928	rBV2	32302	62283	1.61%	0.102%
32	13.463	1928	1934	1938	rVB	55525	79599	2.06%	0.131%
33	13.540	1941	1947	1954	rVB	1205291	1461308	37.85%	2.400%
34	13.616	1954	1960	1970	rBV2	63523	118220	3.06%	0.194%

LSC Area Percent Report

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Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

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-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.098	2037	2042	2047	rVB	876337	1025113	26.56%	1.684%
36	14.239	2063	2066	2070	rVB	121693	132464	3.43%	0.218%
37	14.316	2076	2079	2083	rVB	80035	92420	2.39%	0.152%
38	14.369	2083	2088	2097	rVB	183391	236248	6.12%	0.388%
39	14.492	2102	2109	2116	rVV2	1402654	2005805	51.96%	3.294%
40	14.575	2120	2123	2131	rVB4	46508	62024	1.61%	0.102%
41	14.692	2139	2143	2146	rBV2	127605	181034	4.69%	0.297%
42	14.728	2146	2149	2154	rVB	276640	325919	8.44%	0.535%
43	14.781	2154	2158	2161	rBV	167069	215497	5.58%	0.354%
44	14.863	2168	2172	2178	rBV	80858	106711	2.76%	0.175%
45	14.922	2178	2182	2190	rVV7	143321	461908	11.97%	0.759%
46	15.004	2194	2196	2200	rVV2	131167	142906	3.70%	0.235%
47	15.069	2204	2207	2210	rVV3	52900	74377	1.93%	0.122%
48	15.139	2215	2219	2225	rVV5	110067	218722	5.67%	0.359%
49	15.210	2228	2231	2236	rVV2	113109	187205	4.85%	0.307%
50	15.298	2236	2246	2250	rVB2	434927	628445	16.28%	1.032%
51	15.345	2250	2254	2258	rVB2	74921	95951	2.49%	0.158%
52	15.398	2258	2263	2266	rBV2	191485	261952	6.79%	0.430%
53	15.434	2266	2269	2271	rVV	191160	227229	5.89%	0.373%
54	15.457	2271	2273	2277	rVB2	354024	375764	9.73%	0.617%
55	15.598	2292	2297	2299	rBV	617892	769067	19.92%	1.263%
56	15.639	2299	2304	2308	rVB	3288977	3860313	100.00%	6.340%
57	15.710	2312	2316	2321	rVB	745840	829590	21.49%	1.363%
58	15.792	2327	2330	2335	rVB3	48120	62199	1.61%	0.102%
59	15.886	2343	2346	2349	rBV4	49618	65204	1.69%	0.107%
60	15.951	2354	2357	2362	rVB	279657	311329	8.06%	0.511%
61	16.104	2379	2383	2388	rVB5	60570	73793	1.91%	0.121%
62	16.351	2420	2425	2428	rBV	245839	305002	7.90%	0.501%
63	16.386	2428	2431	2436	rVB	339836	391687	10.15%	0.643%
64	16.457	2439	2443	2445	rBV	96521	121904	3.16%	0.200%
65	16.492	2445	2449	2454	rVV2	624298	1037604	26.88%	1.704%
66	16.539	2454	2457	2461	rVB	175262	214727	5.56%	0.353%
67	16.798	2495	2501	2509	rVB2	283240	478175	12.39%	0.785%
68	17.033	2538	2541	2544	rBV2	72257	88415	2.29%	0.145%
69	17.133	2554	2558	2562	rVB	84270	110956	2.87%	0.182%
70	17.345	2587	2594	2598	rBV	1759272	1993649	51.64%	3.274%
71	17.575	2629	2633	2638	rBV	301806	342433	8.87%	0.562%

LSC Area Percent Report

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Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.645	2640	2645	2649	rVB2	1285078	1693748	43.88%	2.782%
73	17.733	2655	2660	2664	rBV	1193560	1338119	34.66%	2.198%
74	17.775	2664	2667	2672	rVV	386699	433474	11.23%	0.712%
75	17.822	2672	2675	2678	rVV	110736	112331	2.91%	0.184%
76	17.880	2680	2685	2691	rVB	2102154	2348882	60.85%	3.858%
77	18.098	2720	2722	2725	rVB	133598	127271	3.30%	0.209%
78	18.133	2726	2728	2733	rBV	72691	74299	1.92%	0.122%
79	18.233	2743	2745	2750	rVB3	131513	148406	3.84%	0.244%
80	18.351	2763	2765	2768	rBV	71948	79073	2.05%	0.130%
81	18.533	2793	2796	2805	rVB3	144785	183377	4.75%	0.301%
82	18.622	2807	2811	2815	rBV	578641	756754	19.60%	1.243%
83	18.733	2826	2830	2833	rVB	849565	844520	21.88%	1.387%
84	18.763	2833	2835	2841	rVB2	132186	144239	3.74%	0.237%
85	18.839	2845	2848	2849	rBV	244433	231895	6.01%	0.381%
86	18.857	2849	2851	2855	rVB2	317131	322087	8.34%	0.529%
87	18.945	2863	2866	2873	rVB3	364427	476354	12.34%	0.782%
88	19.027	2877	2880	2882	rVV3	289866	349597	9.06%	0.574%
89	19.051	2882	2884	2888	rVB	466499	494892	12.82%	0.813%
90	19.116	2891	2895	2903	rBV4	509154	858367	22.24%	1.410%
91	19.239	2910	2916	2919	rBV2	821379	1426427	36.95%	2.343%
92	19.275	2919	2922	2925	rVV2	656376	870518	22.55%	1.430%
93	19.304	2925	2927	2931	rVB	317740	289109	7.49%	0.475%
94	19.351	2932	2935	2941	rBV3	204254	319629	8.28%	0.525%
95	19.469	2952	2955	2962	rVB2	373969	533562	13.82%	0.876%
96	19.927	3030	3033	3042	rVB3	382845	738245	19.12%	1.212%
97	20.527	3132	3135	3139	rBV	297198	452470	11.72%	0.743%
98	20.939	3202	3205	3209	rVB	329546	374815	9.71%	0.616%
99	21.016	3215	3218	3222	rVB	469439	557005	14.43%	0.915%
100	22.463	3458	3464	3471	rVB	406118	981417	25.42%	1.612%

Sum of corrected areas: 60887244

LSC Report - Integrated Chromatogram

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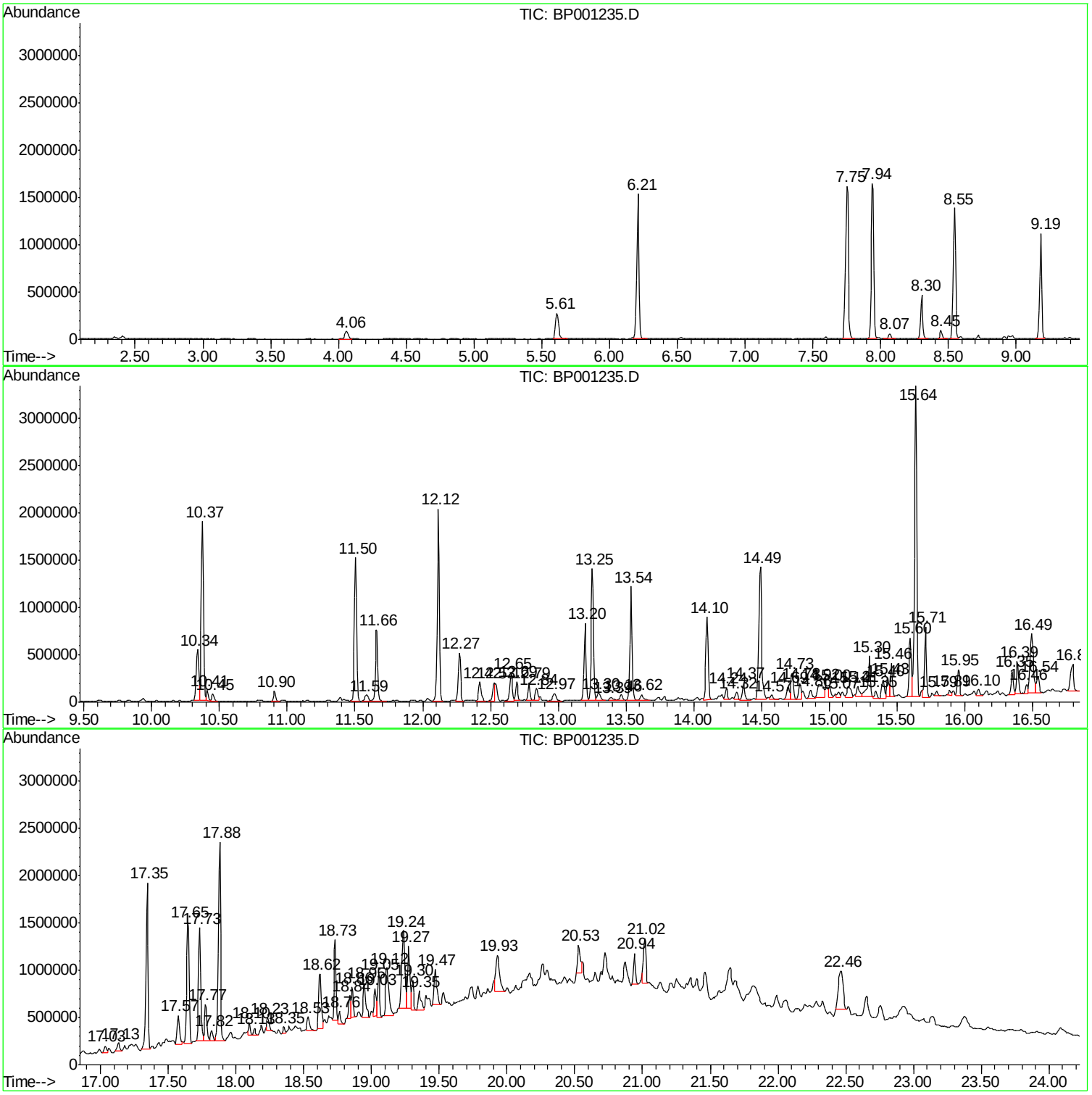
Data File : BP001235.D
Acq On : 06 Dec 2019 17:54
Operator : JU
Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP120619\
Data File : BP001235.D
Acq On : 06 Dec 2019 17:54
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Misc :
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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

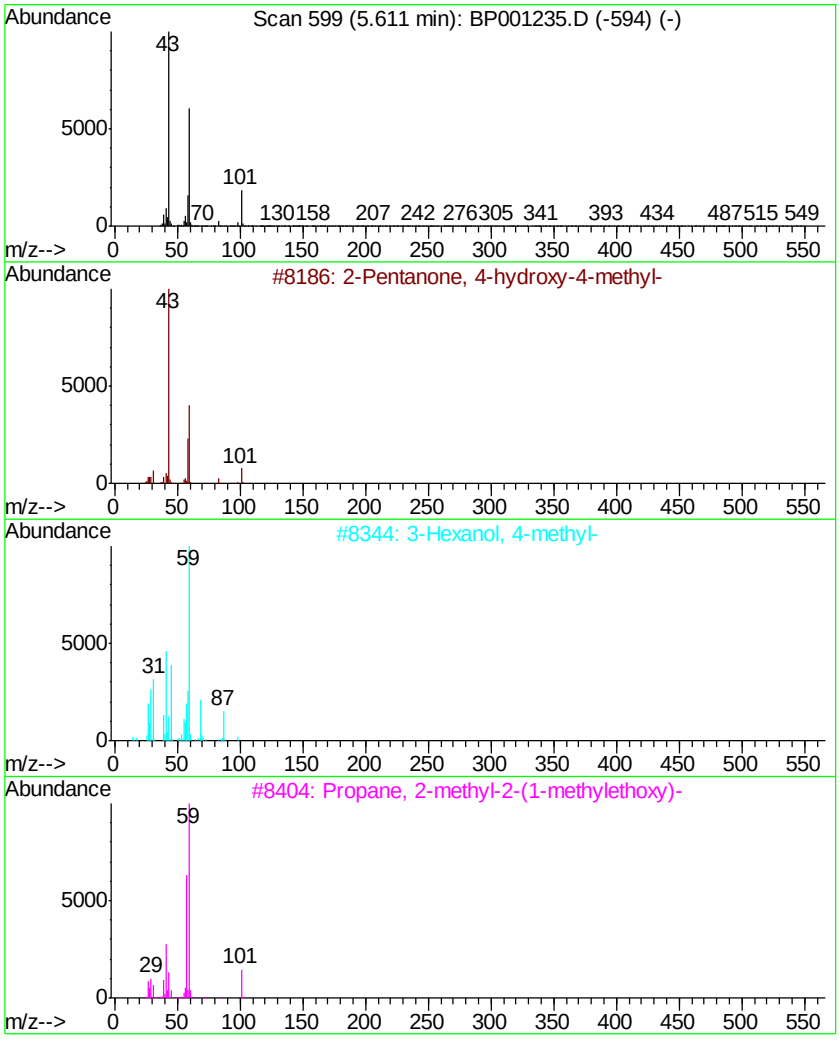
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

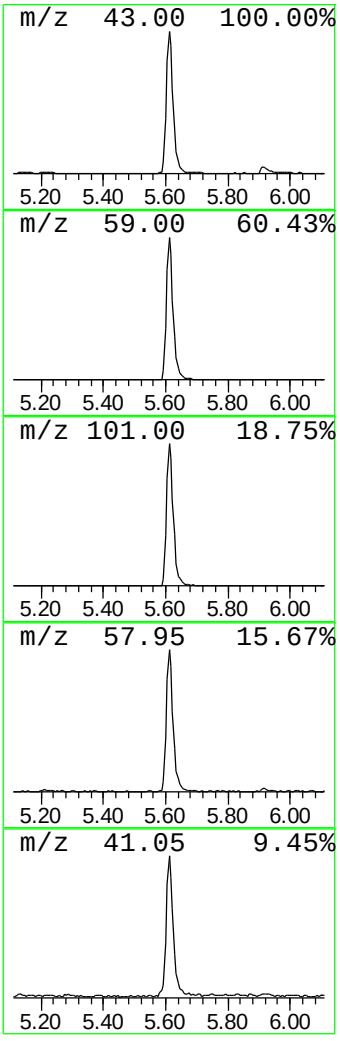
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	15.50 ng	417872	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	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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Instrument : BNA_P
ClientSampleId : P001-WC009

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

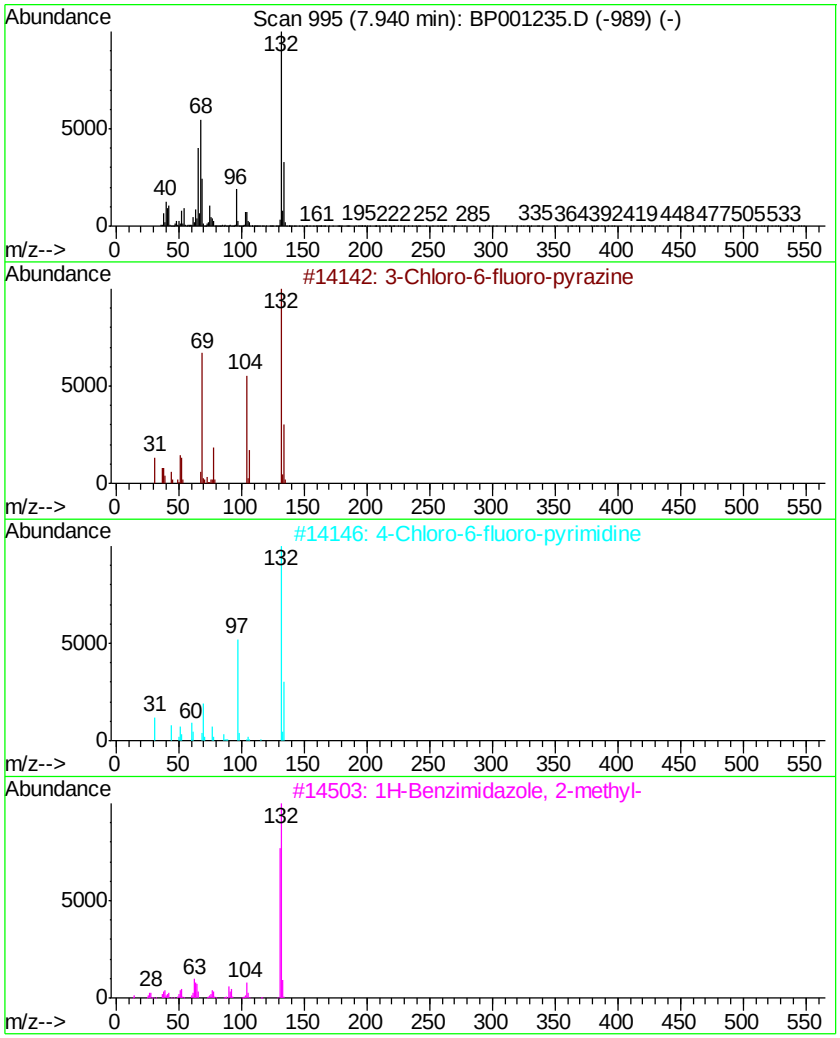
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

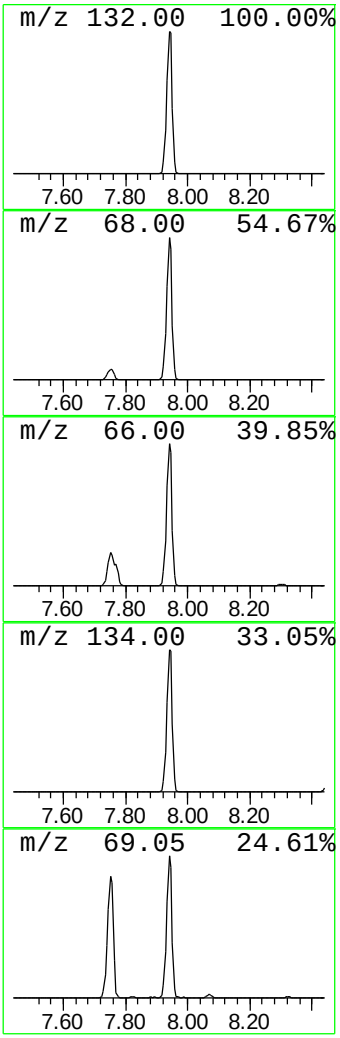
****

Peak Number 2 unknown7.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	77.03 ng	2076960	1,4-Dichlorobenzene-d4	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	5-Aminoindole	132	C8H8N2	005192-03-0	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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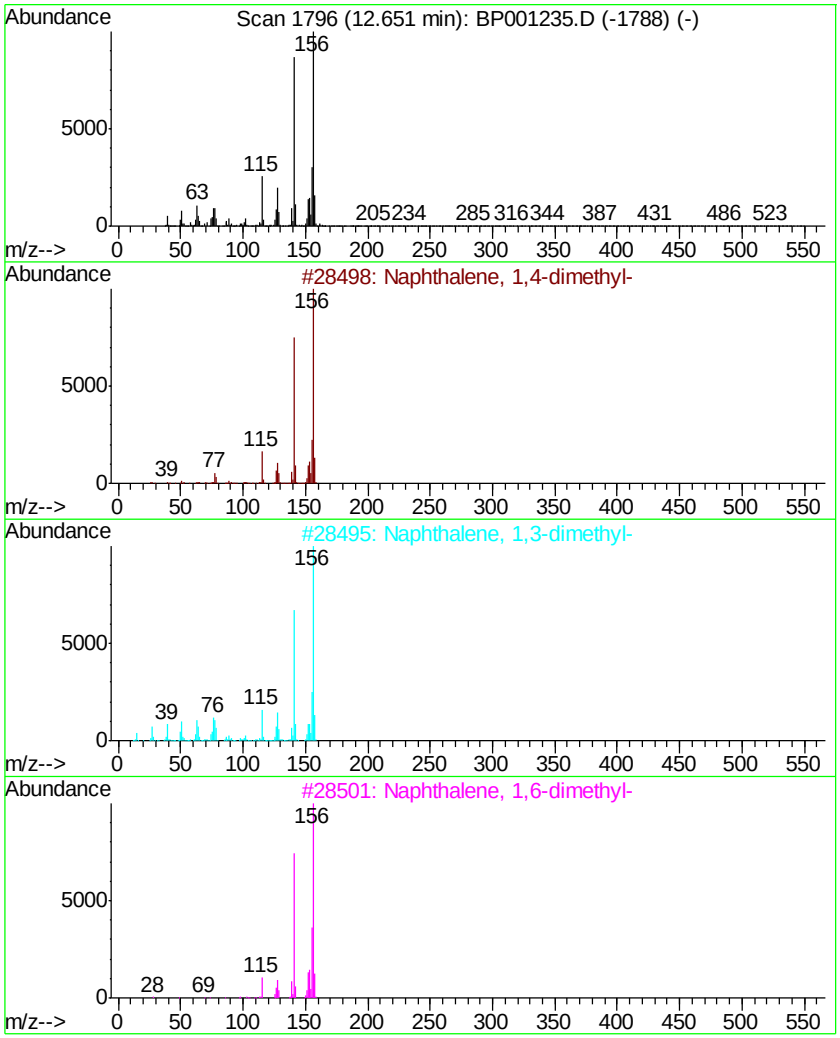
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

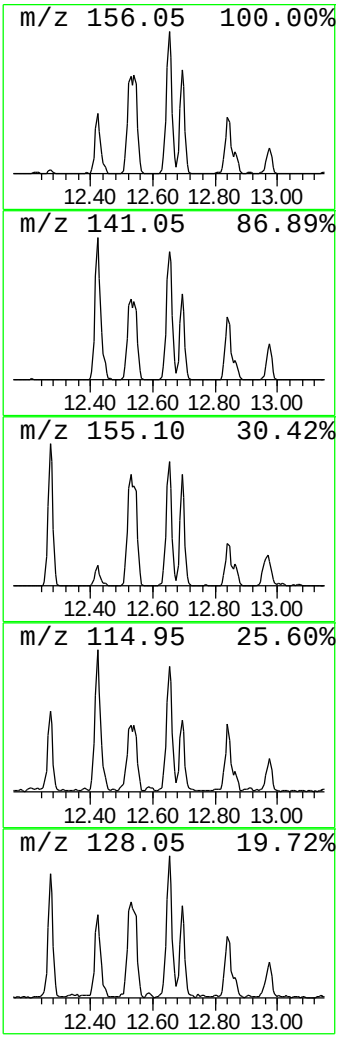
****

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.30 ng	394444	Acenaphthene-d10	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

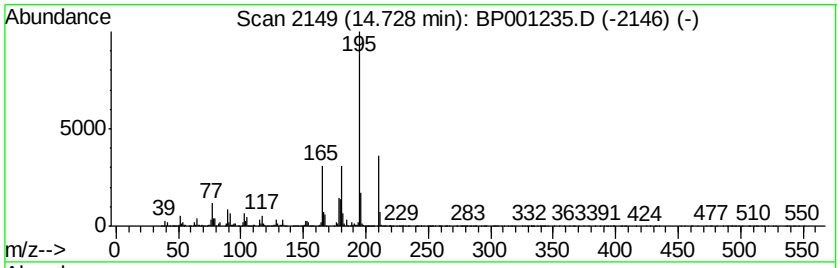
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

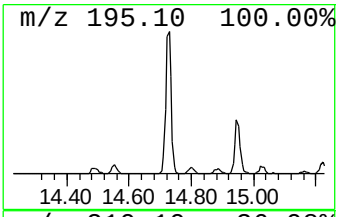
****

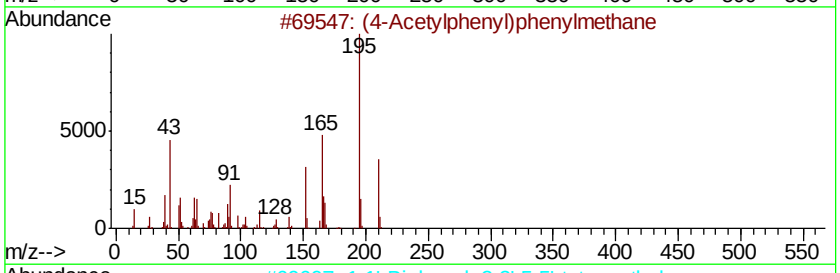
Peak Number 5 (4-Acetylphenyl)phenylmethane Concentration Rank 16

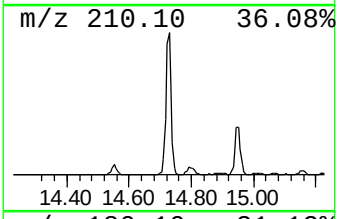
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	8.48 ng	325919	Phenanthrene-d10	15.60

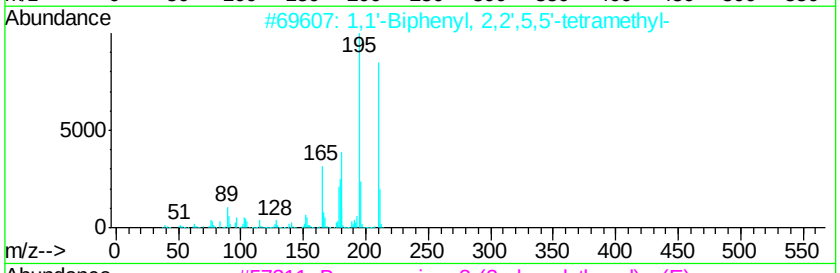
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	50
3	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	49
4	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	47
5	Isothiocyanate, 2,3-dimethoxyphenyl	195	C9H9NO2S	1000337-60-3	47

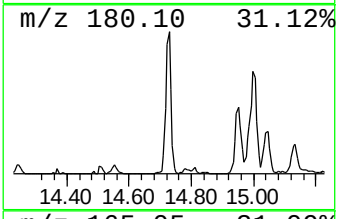


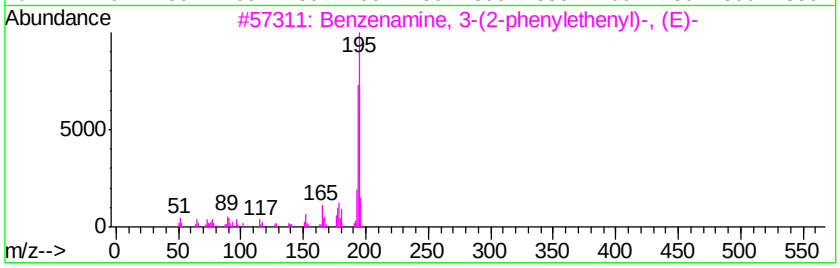


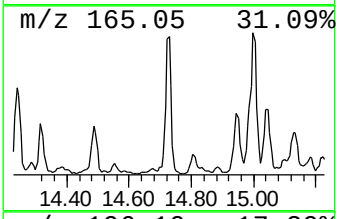


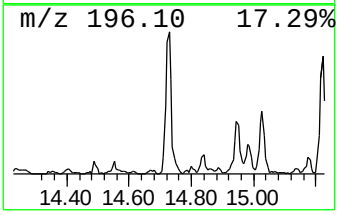












Library Search Compound Report

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Data File : BP001235.D
Acq On : 06 Dec 2019 17:54
Operator : JU
Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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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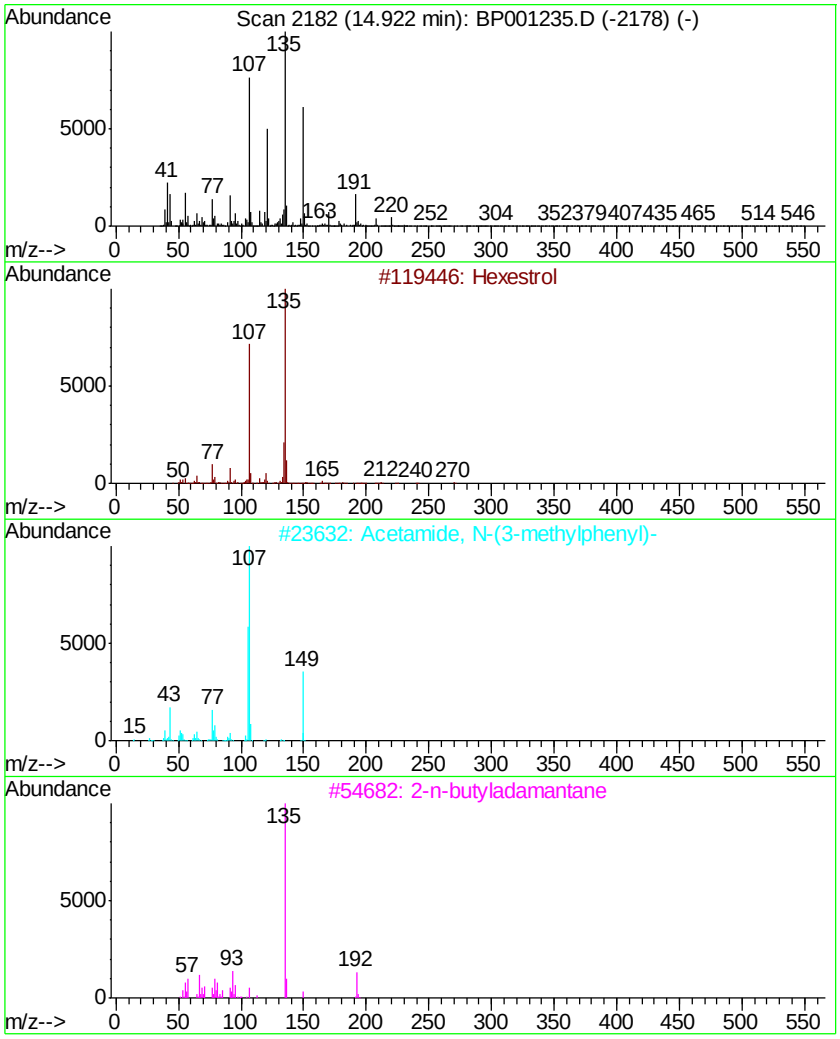
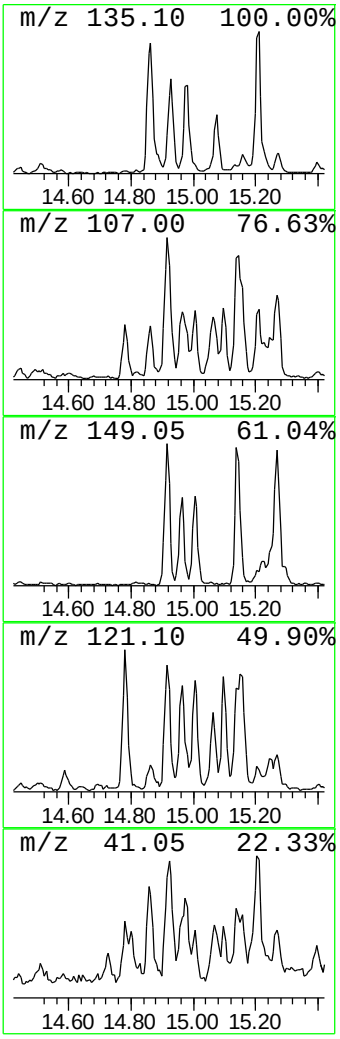
Peak Number 6 Hexestrol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	12.01 ng	461908	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	000084-16-2	53
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	2-n-butyladamantane	192	C14H24	014449-43-5	27
4	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	27
5	1,2-Dipiperonyl-3-imino-1,2,4-tr...	352	C18H16N4O4	1000256-21-2	25





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Sample : K6147-09
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

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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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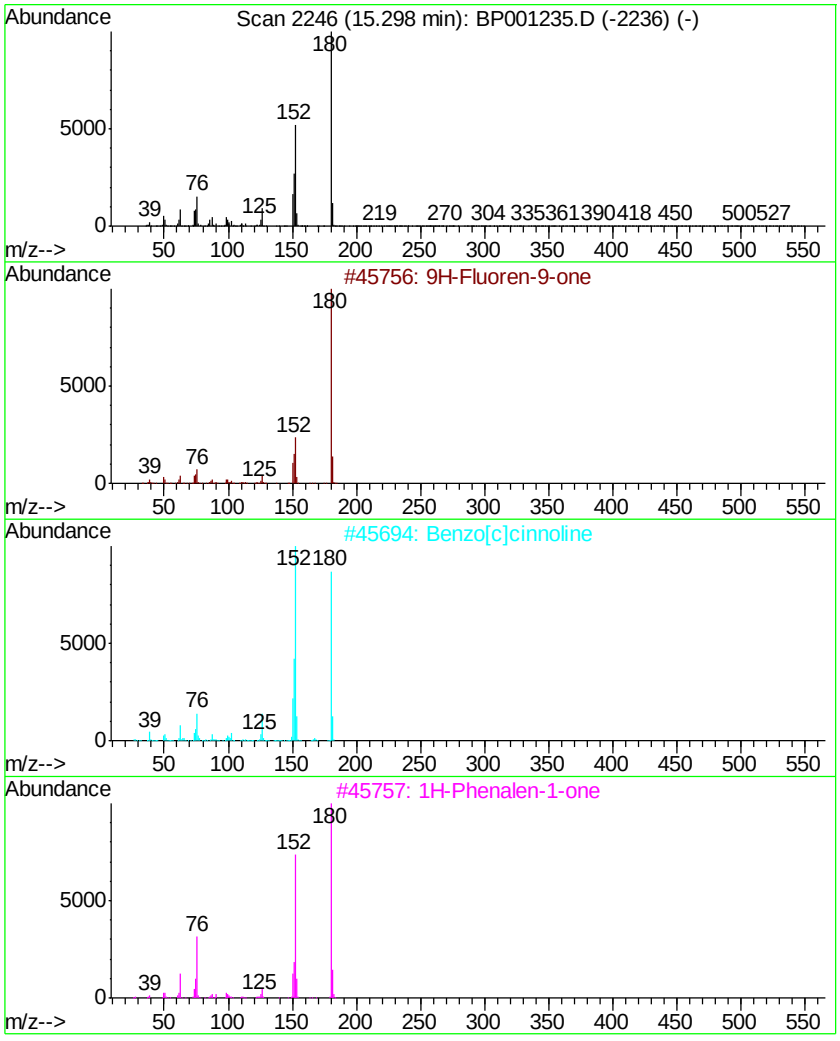
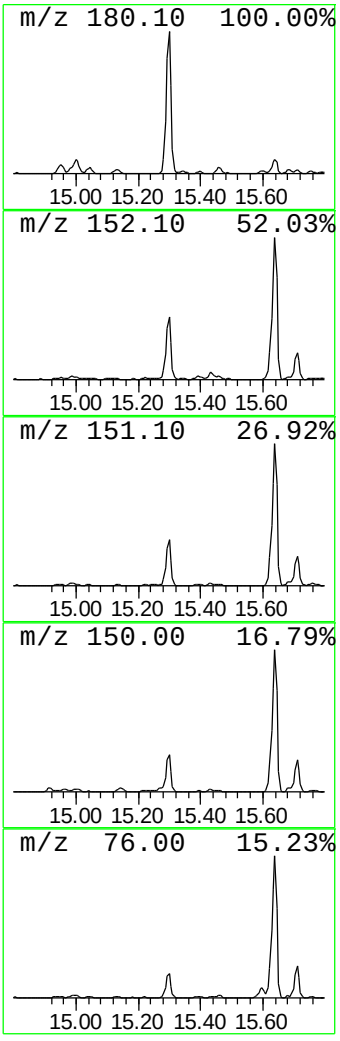
Peak Number 7 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	16.34 ng	628445	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	59
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	52





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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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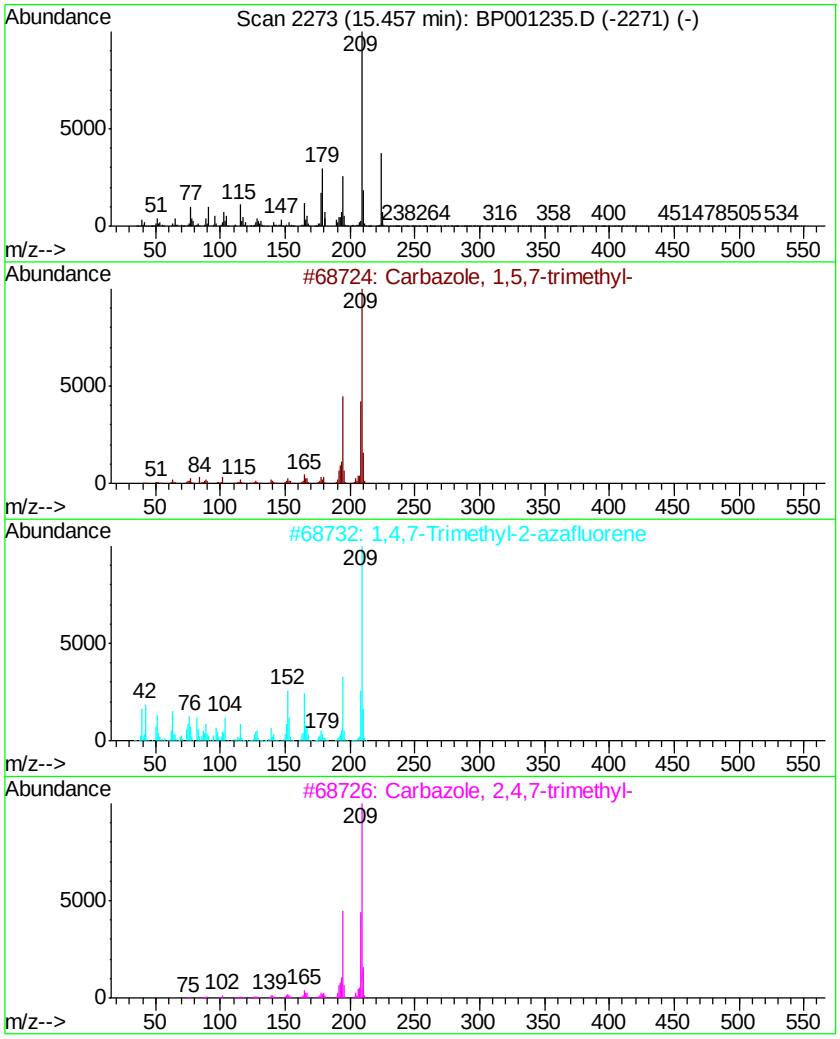
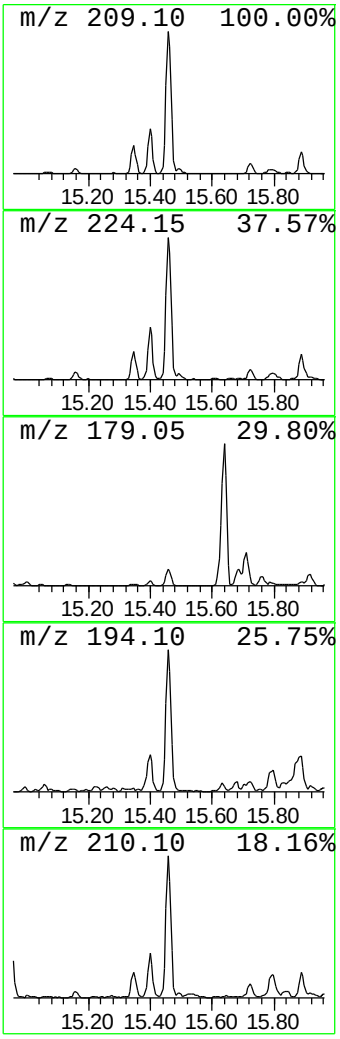
Peak Number 8 Carbazole, 1,5,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	9.77 ng	375764	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	58
2	1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	58
3	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	52
4	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	52
5	Carbazole, 3,4,6-trimethyl-	209	C15H15N	078787-90-3	52





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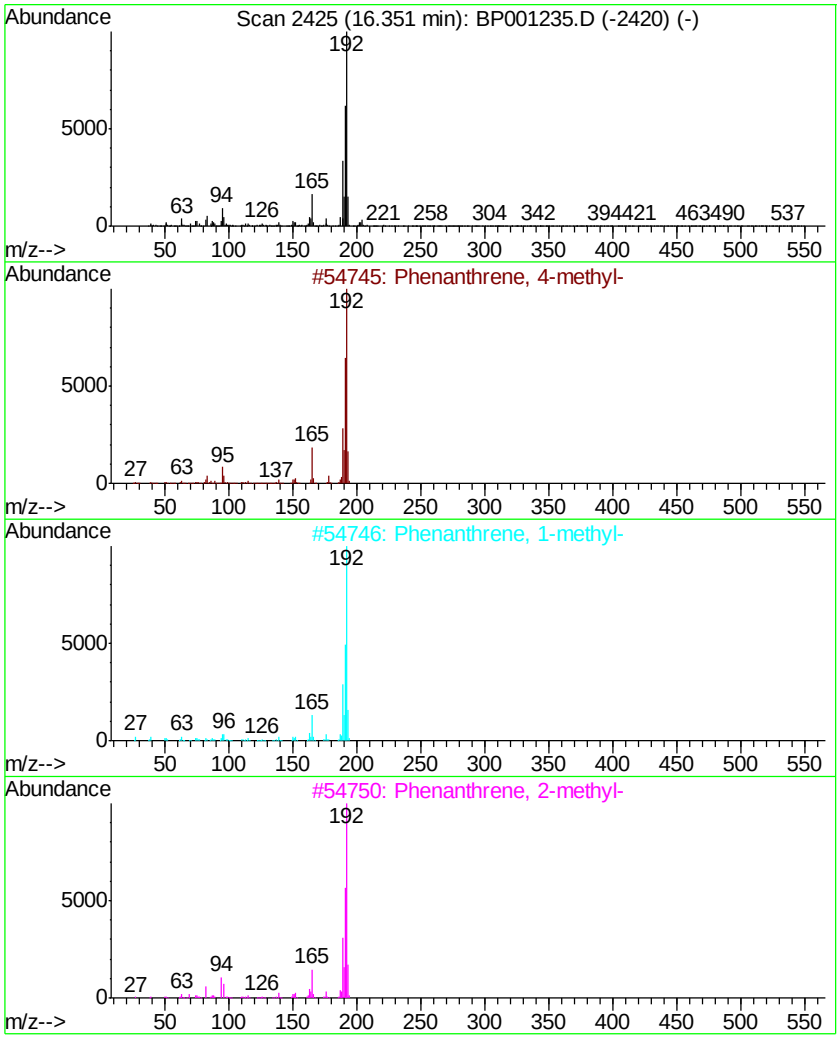
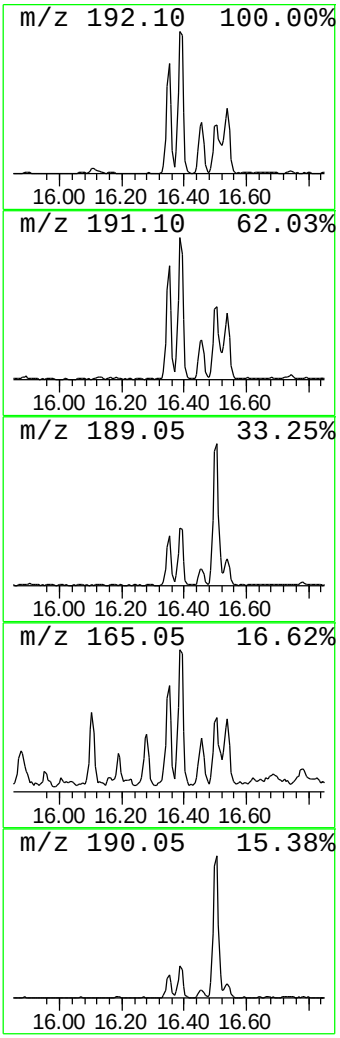
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	7.93 ng	305002	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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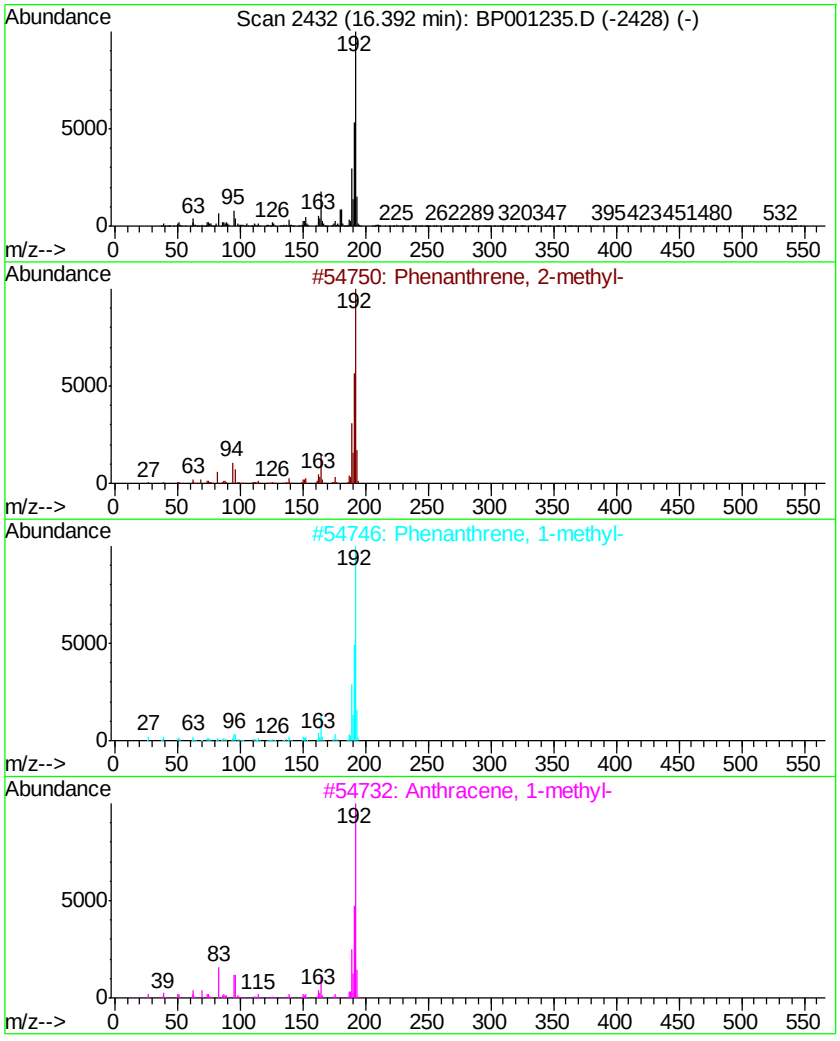
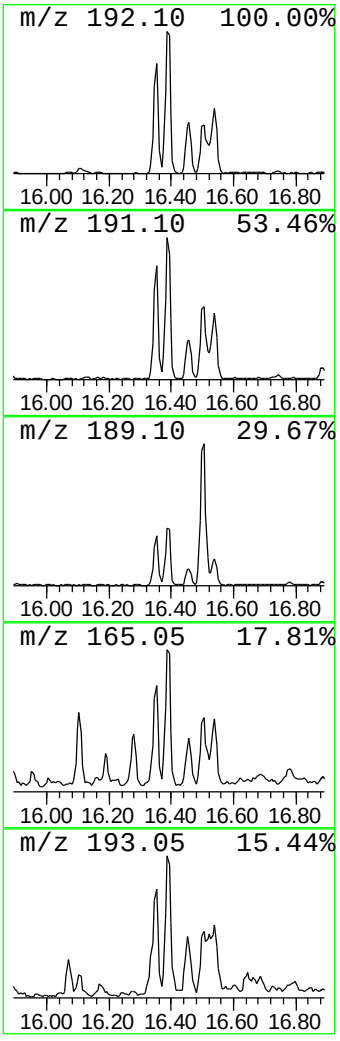
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	10.19 ng	391687	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Misc :
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TIC Integration Parameters: LSCINT.P

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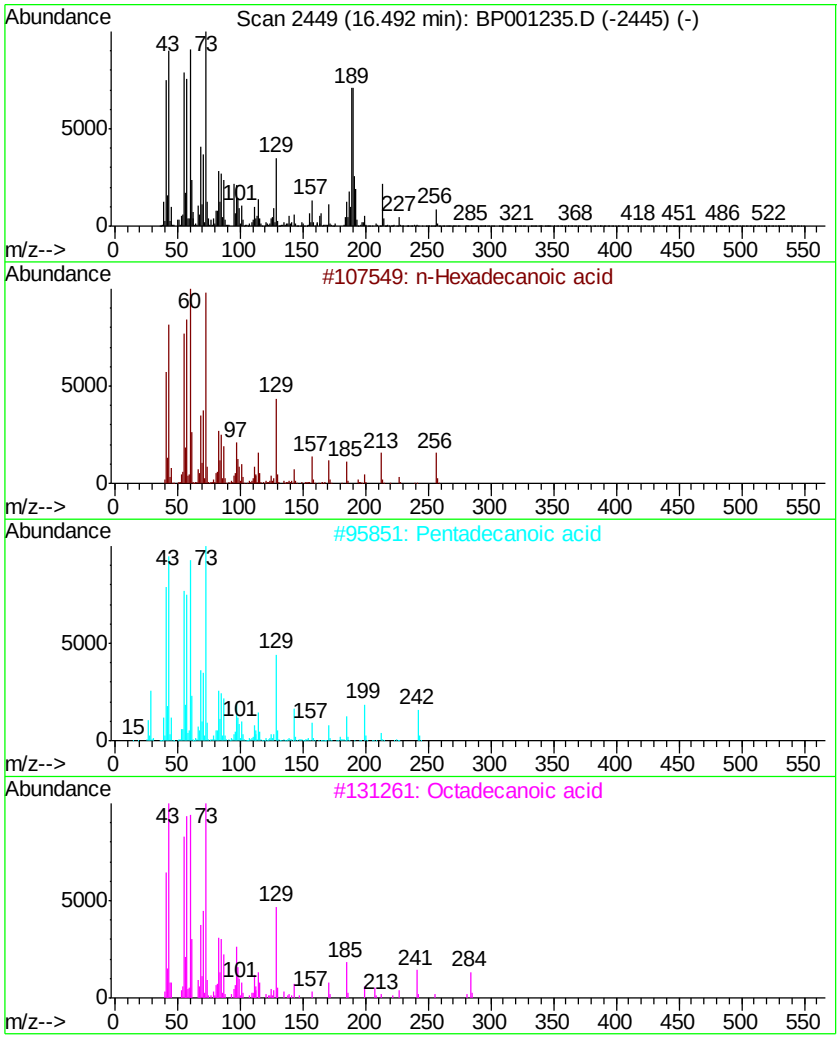
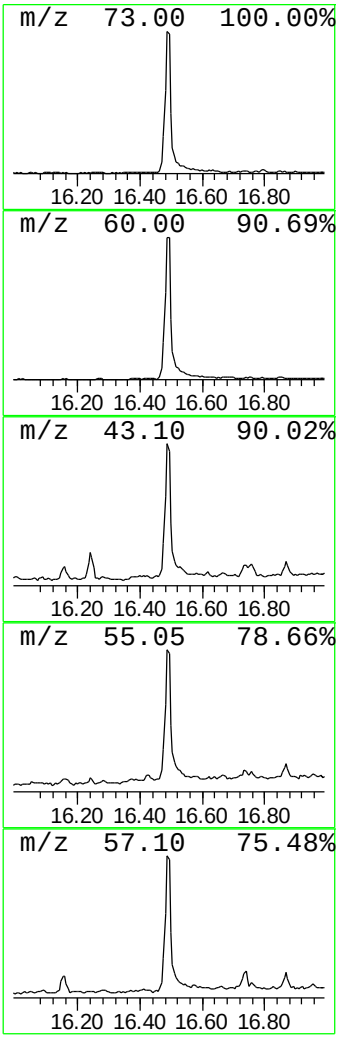
Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	26.98 ng	1037600	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	42
3	Octadecanoic acid	284	C18H36O2	000057-11-4	42
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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Instrument : BNA_P
ClientSampleId : P001-WC009

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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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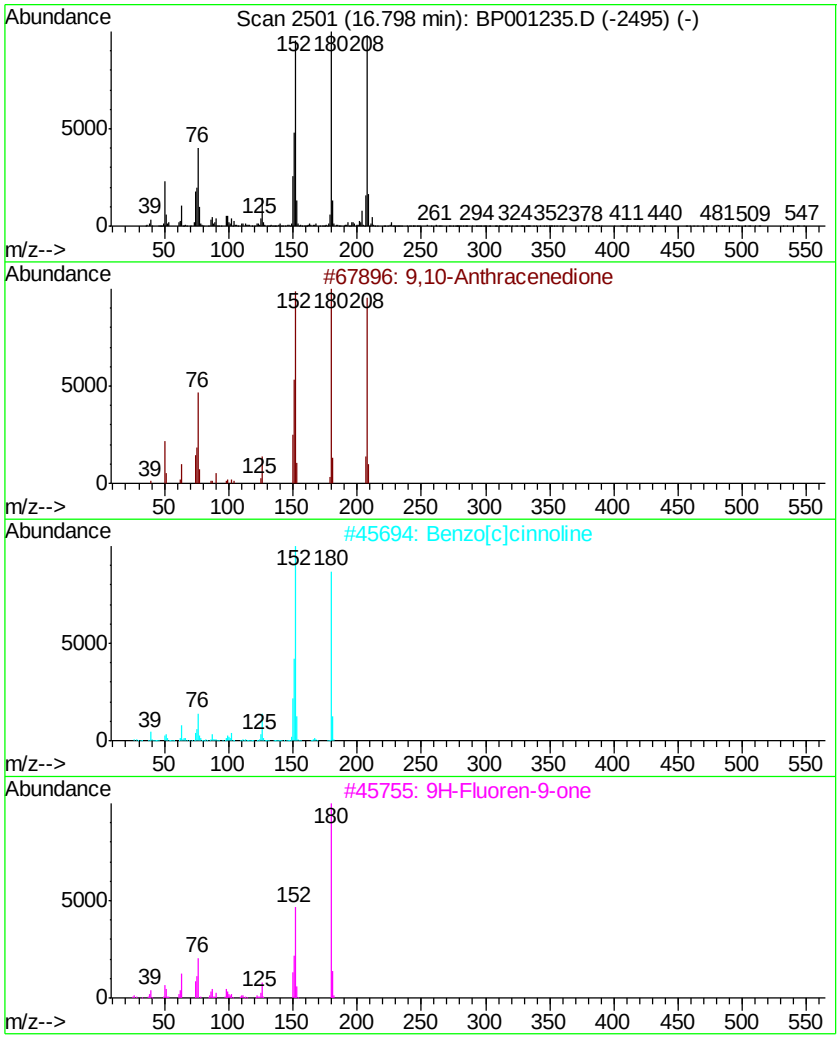
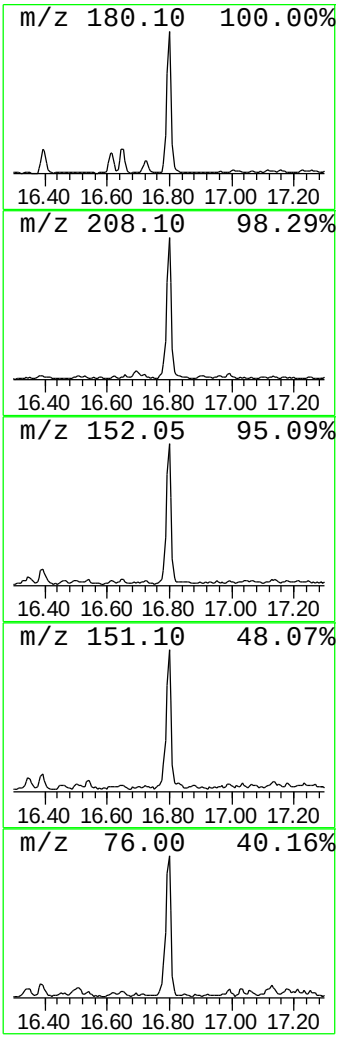
Peak Number 12 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	12.44 ng	478175	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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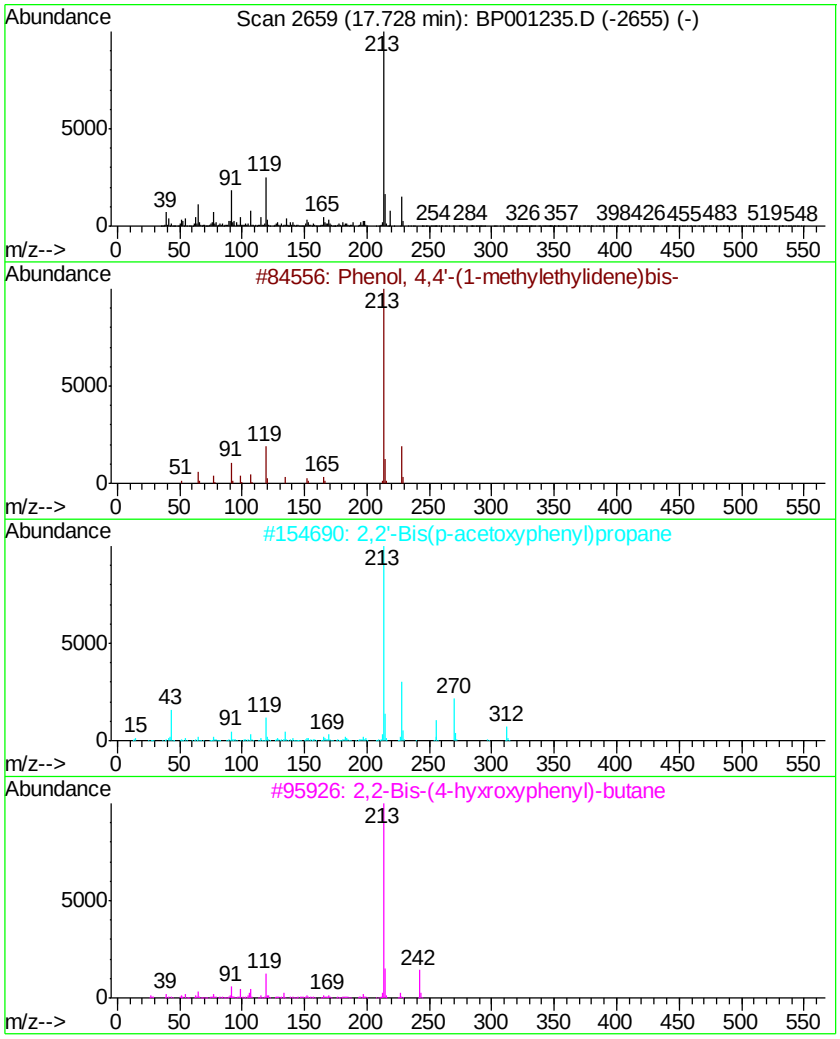
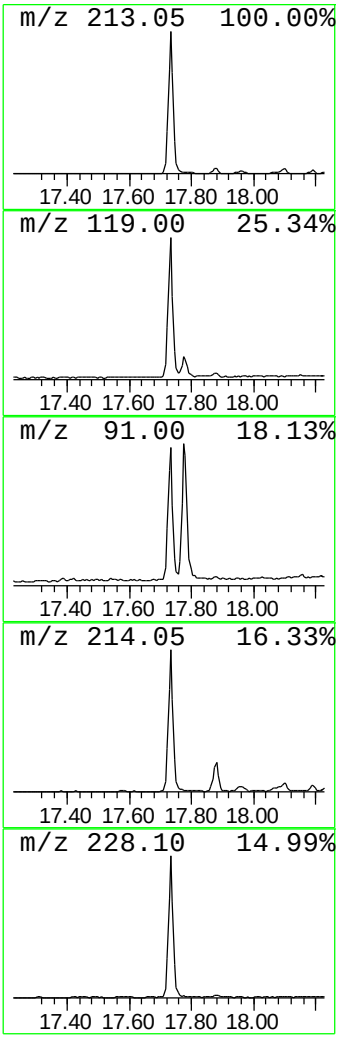
Peak Number 13 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	18.76 ng	1338120	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2,2'-Bis(p-acetoxyphenyl)propane	312	C19H20O4	010192-62-8	83
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	72
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
5	Diphenolic acid	286	C17H18O4	000126-00-1	56





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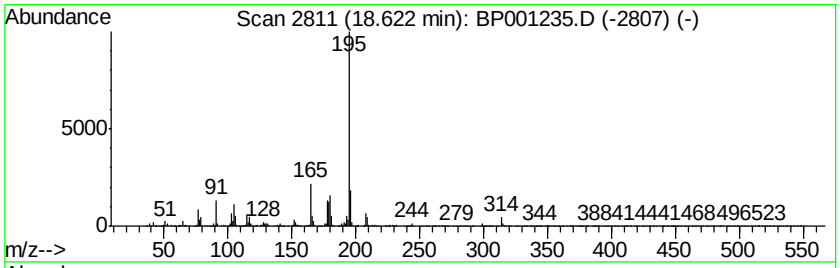
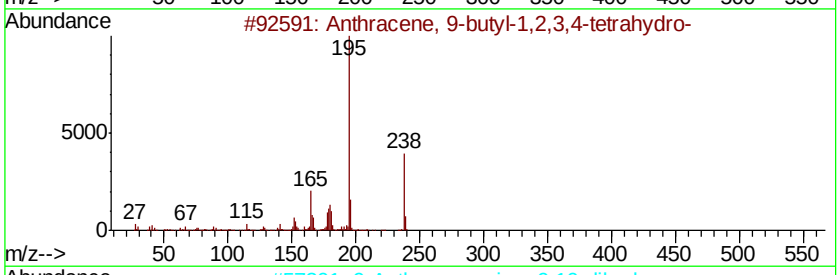
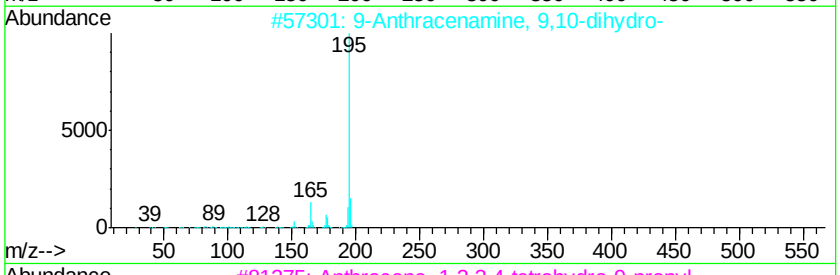
Peak Number 14 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 12

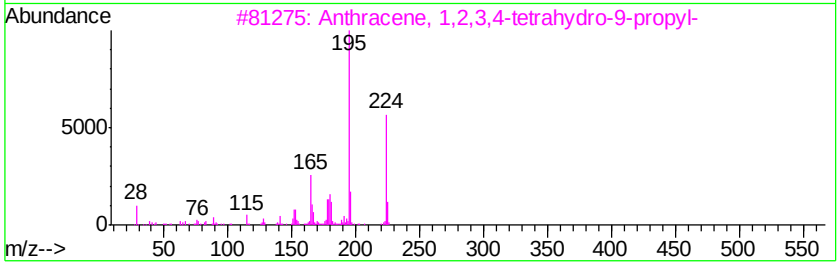
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	10.61 ng	756754	Chrysene-d12	19.24

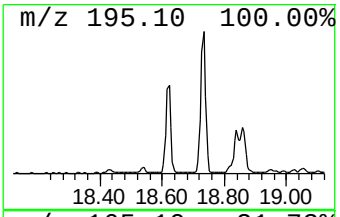
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	90
2	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	72
3	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	64
4	Benzophenone 4-phenylsemicarbazone	315	C20H17N3O	003043-79-6	59
5	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	53

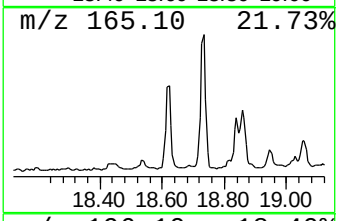


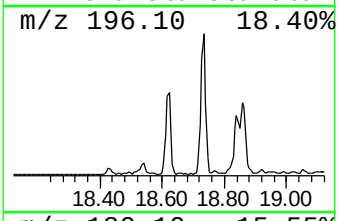


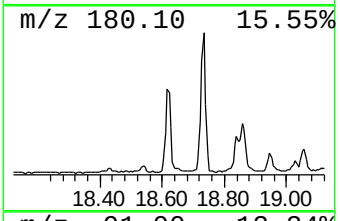


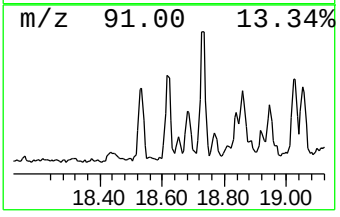












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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : P001-WC009

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

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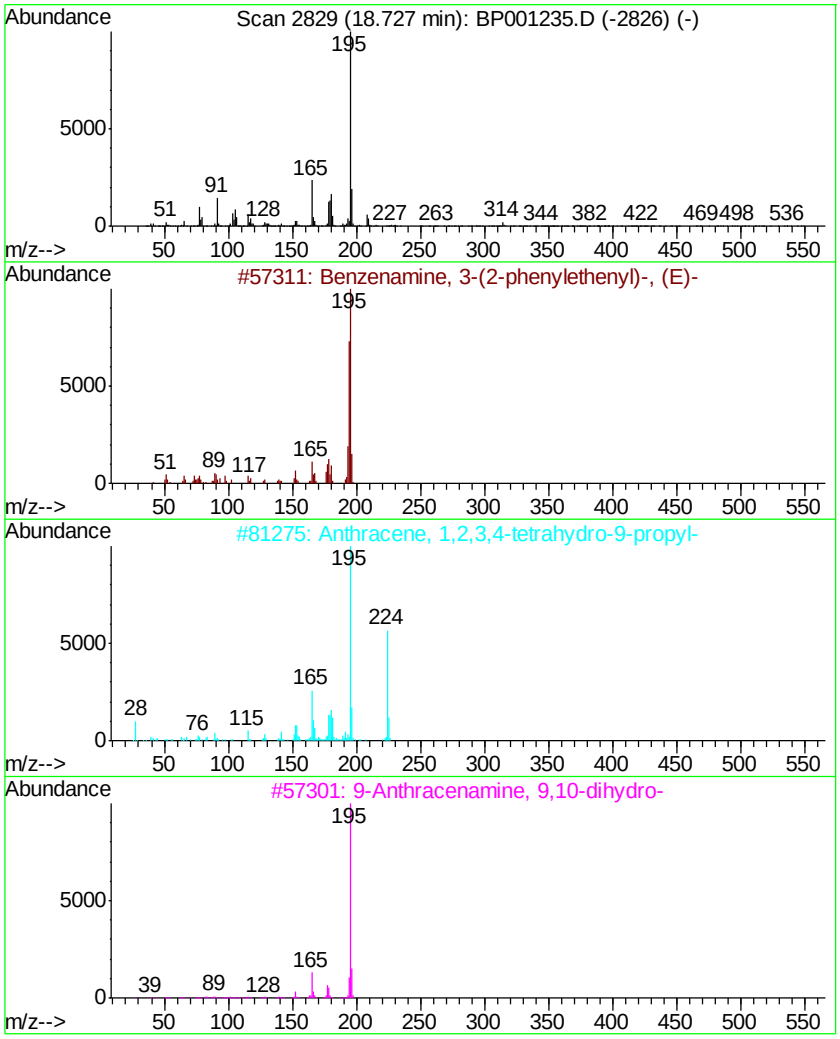
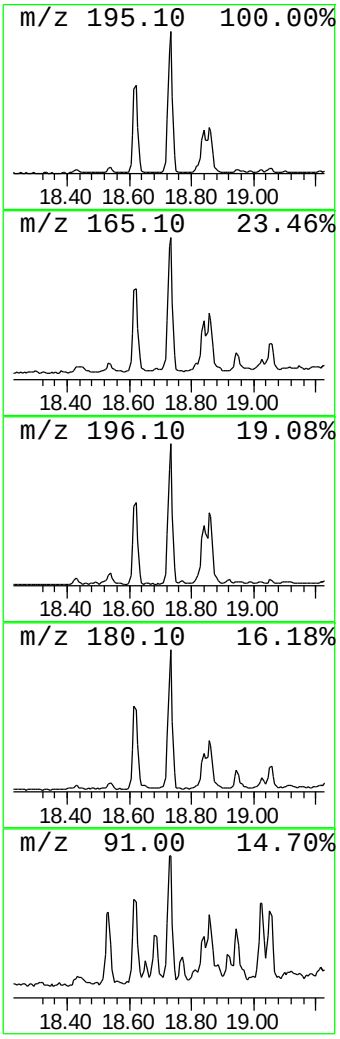
Peak Number 15 Benzenamine, 3-(2-phenyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	11.84 ng	844520	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	64
2	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	56
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	53
4	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	53
5	1H-Benz[f]isoindol-3-amine, 1-im...	195	C12H9N3	065558-69-2	50





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Data File : BP001235.D
Acq On : 06 Dec 2019 17:54
Operator : JU
Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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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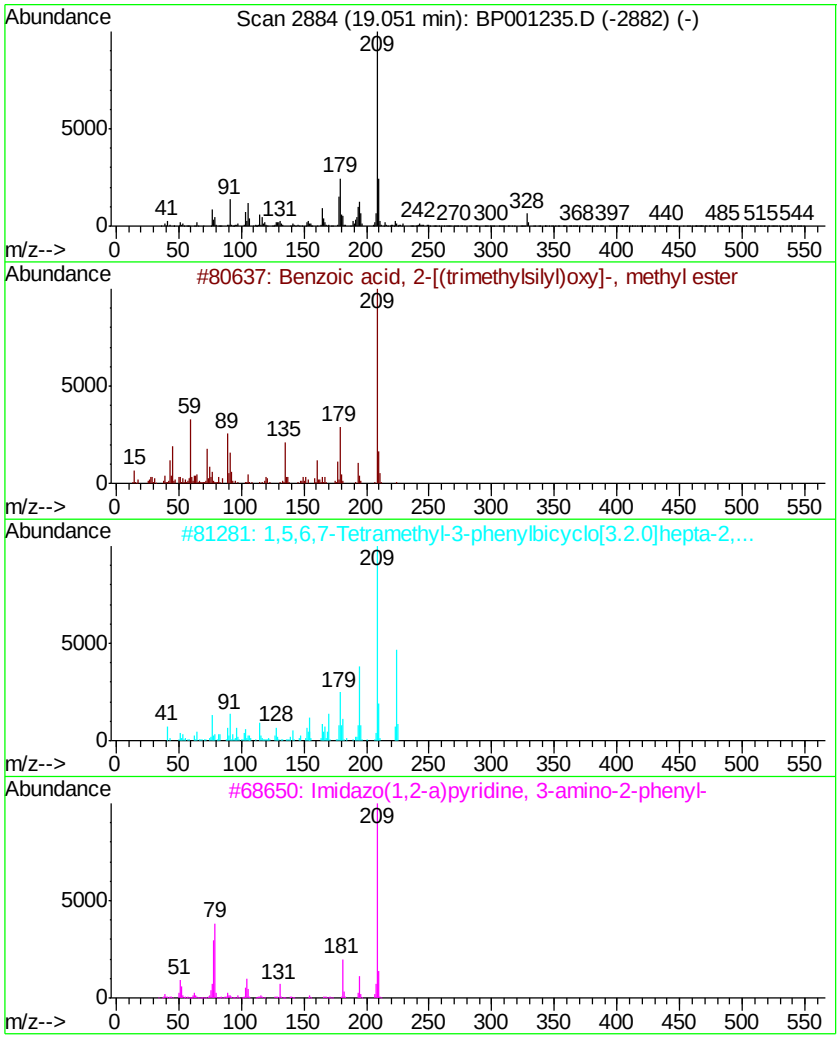
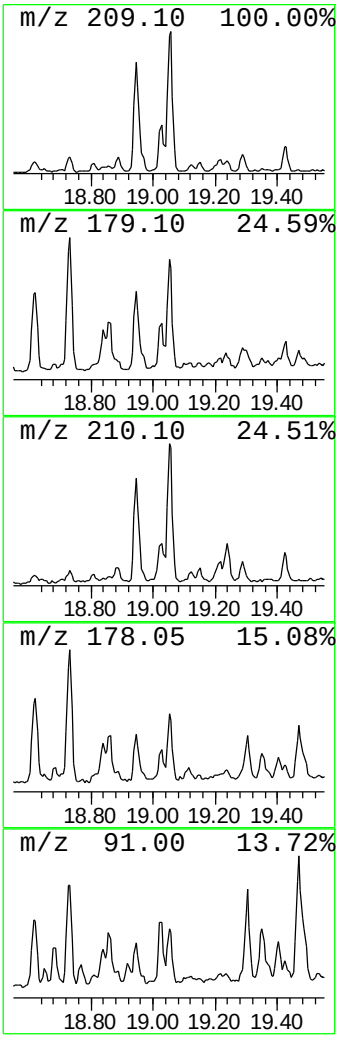
Peak Number 16 Benzoic acid, 2-[(trimethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	6.94 ng	494892	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	224	C11H16O3Si	018001-14-4	64
2	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	56
3	Imidazo(1,2-a)pyridine, 3-amino-...	209	C13H11N3	003999-29-9	50
4	4-[6-Methyl-3-cyclohexenecarboxy...	209	C12H19NO2	1000132-10-1	50
5	2-Amino-5-phenyl-3,4-furandicarb...	209	C12H7N3O	1000326-97-1	47





Library Search Compound Report

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Operator : JU
Sample : K6147-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P001-WC009

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

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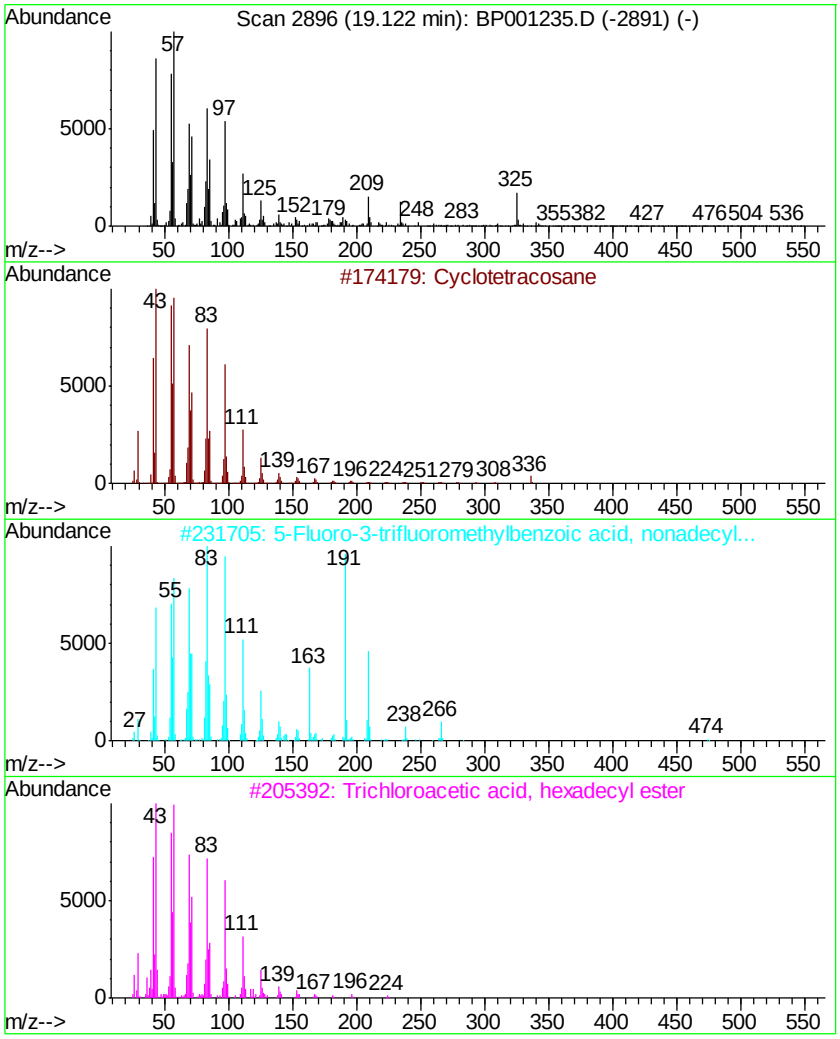
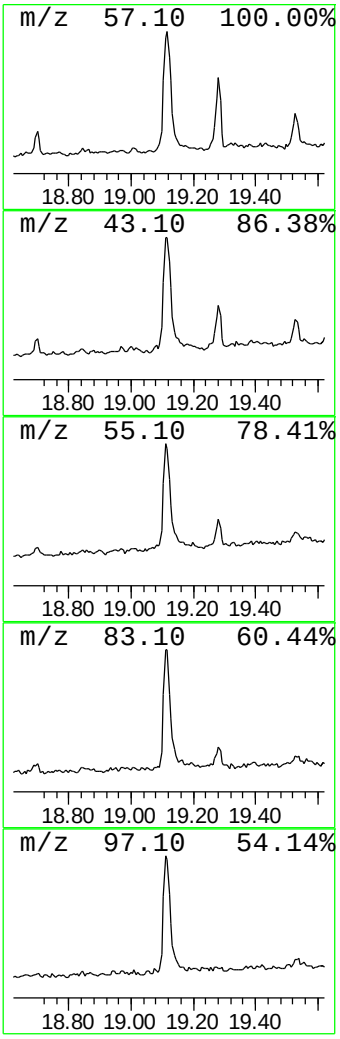
Peak Number 17 Cyclotetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	12.04 ng	858367	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	5-Fluoro-3-trifluoromethylbenzoi...	474	C27H42F4O2	1000338-91-1	97
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : P001-WC009

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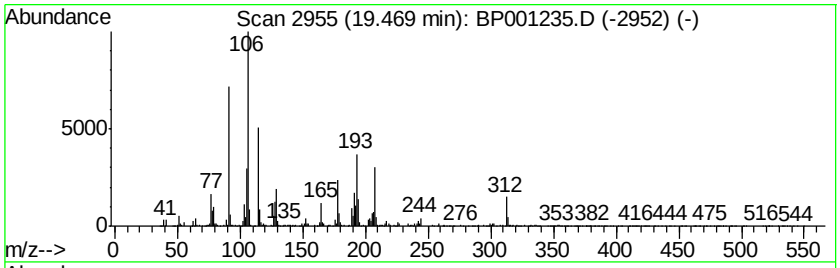
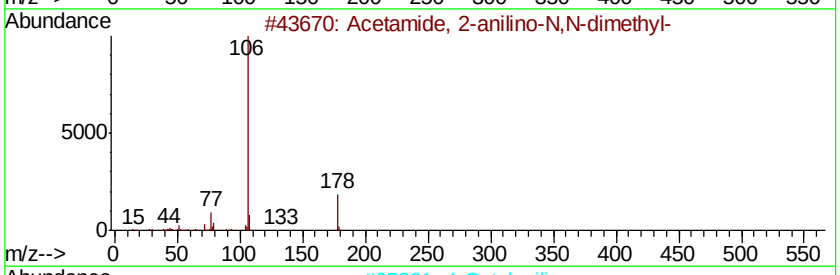
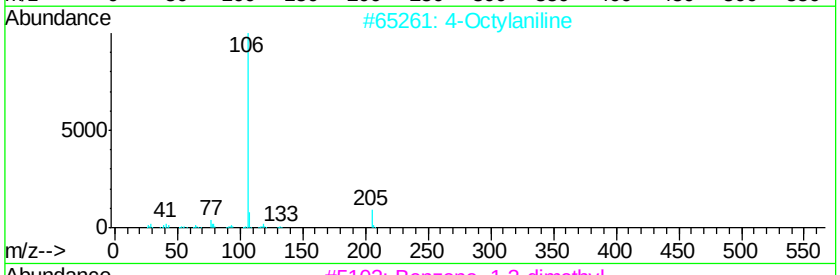
Peak Number 18 unknown19.47 Concentration Rank 19

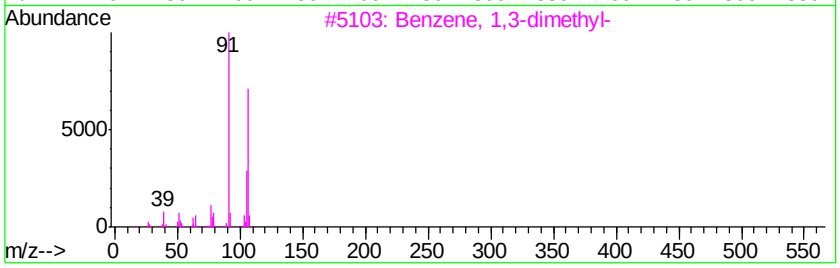
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	7.48 ng	533562	Chrysene-d12	19.24

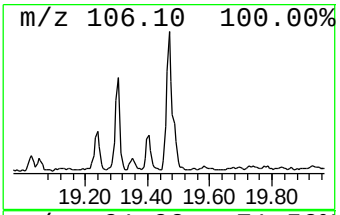
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-anilino-N,N-dimethyl-	178	C10H14N2O	014307-89-2	27
2	4-Octylaniline	205	C14H23N	016245-79-7	25
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	25
4	o-Xylene	106	C8H10	000095-47-6	25
5	p-Xylene	106	C8H10	000106-42-3	25

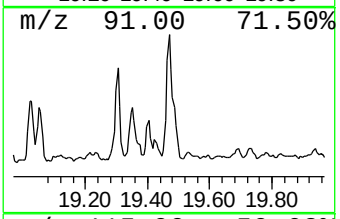


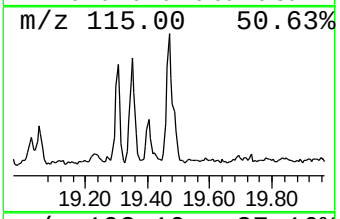


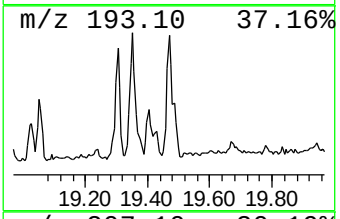


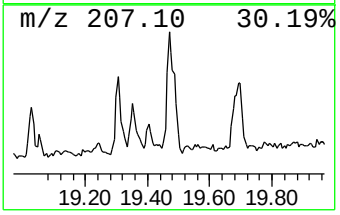












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ClientSampleId : P001-WC009

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

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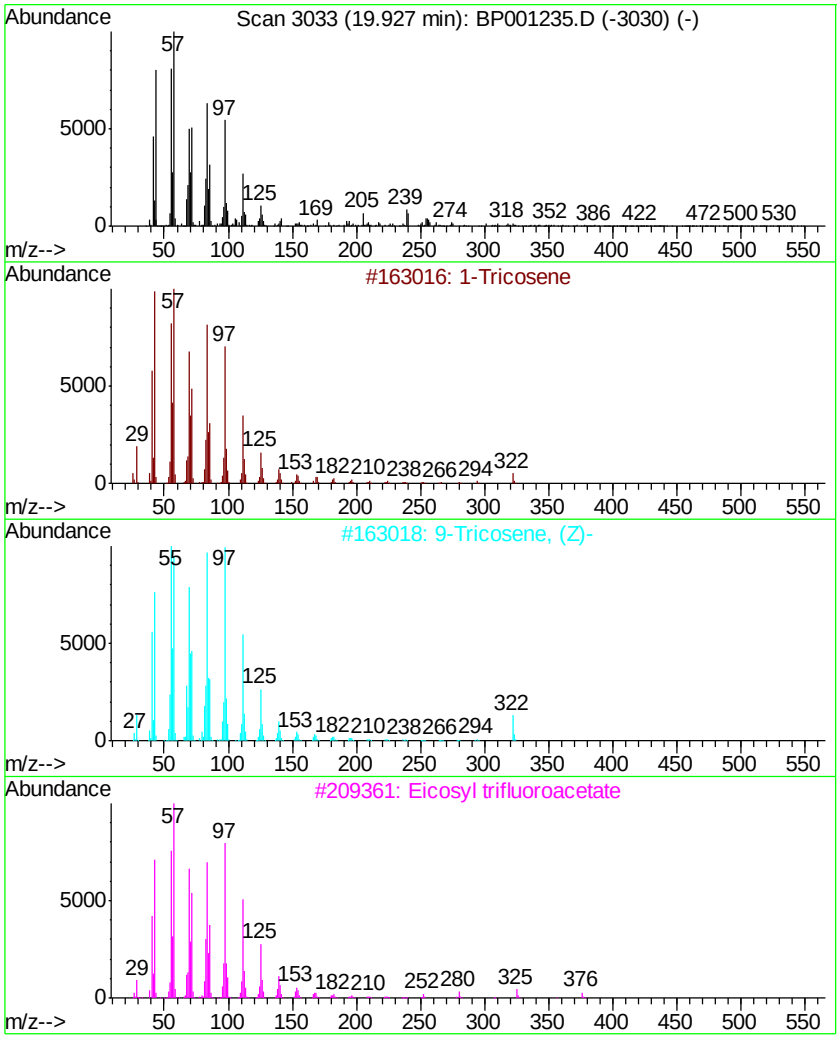
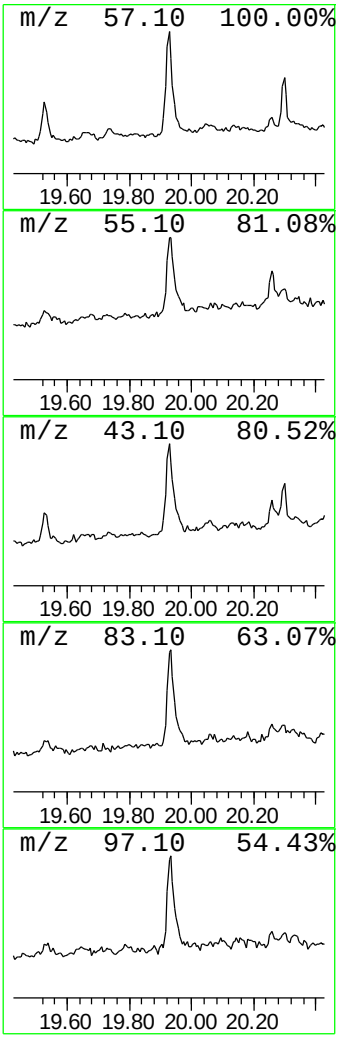
Peak Number 19 1-Tricosene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	10.35 ng	738245	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





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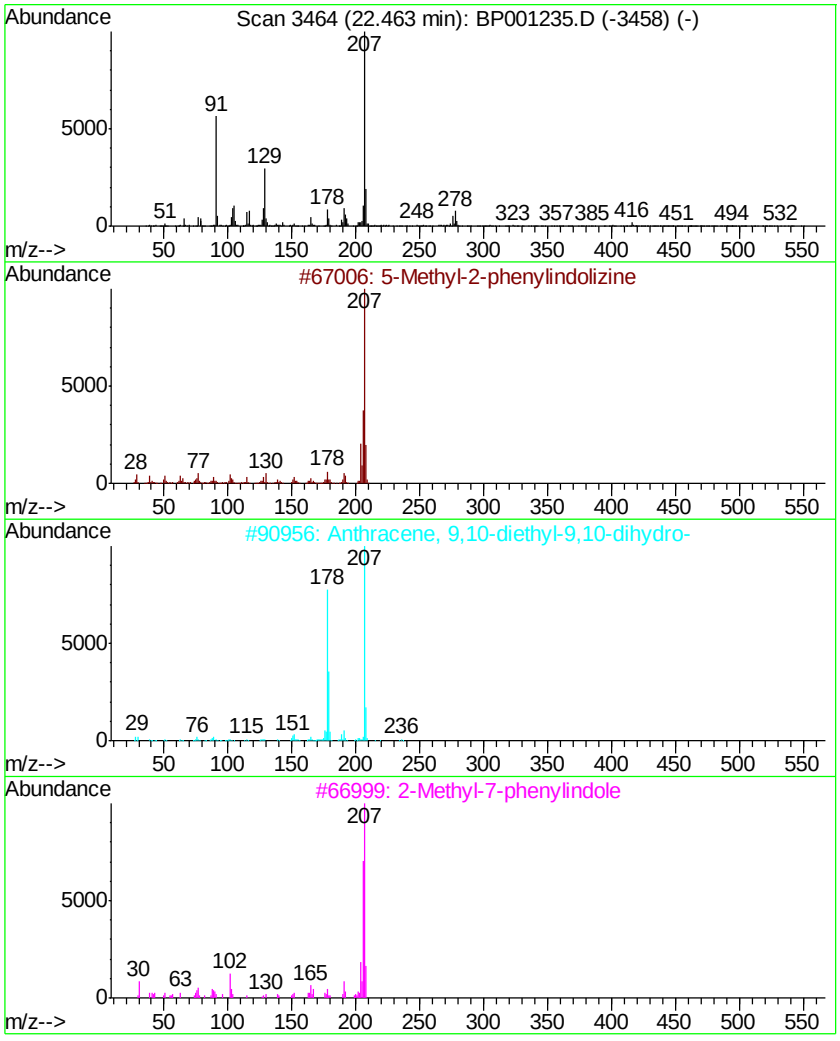
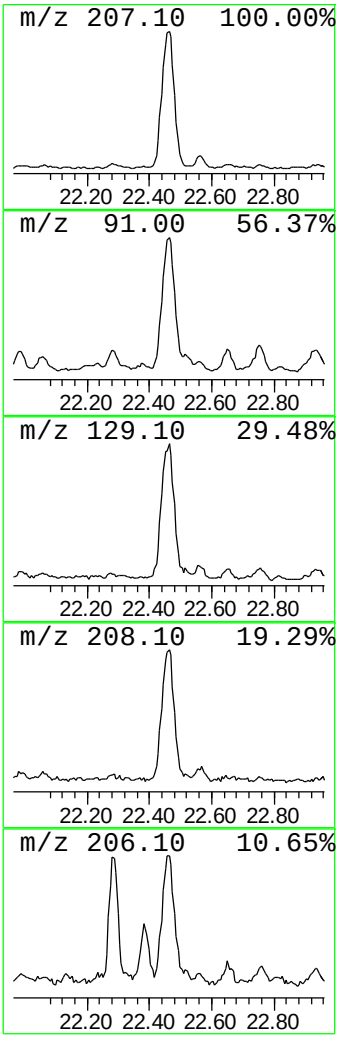
Peak Number 20 5-Methyl-2-phenylindolizine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	35.24 ng	981417	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	52
2	Anthracene, 9,10-diethyl-9,10-di...	236	C18H20	046868-29-5	50
3	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	47
4	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	47
5	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	43





Tentatively Identified Compound (LSC) summary

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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...	5.61	15.5	ng	417872	1	8.30	539282	20.0
unknown7.94	7.94	77.0	ng	2076960	1	8.30	539282	20.0
Naphthalene, 1,4-...	12.65	8.3	ng	394444	3	13.20	950584	20.0
(4-Acetylphenyl)p...	14.73	8.5	ng	325919	4	15.60	769067	20.0
Hexestrol	14.92	12.0	ng	461908	4	15.60	769067	20.0
9H-Fluoren-9-one	15.30	16.3	ng	628445	4	15.60	769067	20.0
Carbazole, 1,5,7-...	15.46	9.8	ng	375764	4	15.60	769067	20.0
Phenanthrene, 4-m...	16.35	7.9	ng	305002	4	15.60	769067	20.0
Phenanthrene, 2-m...	16.39	10.2	ng	391687	4	15.60	769067	20.0
n-Hexadecanoic acid	16.49	27.0	ng	1037600	4	15.60	769067	20.0
9,10-Anthracenedione	16.80	12.4	ng	478175	4	15.60	769067	20.0
Phenol, 4,4'-(1-m...	17.73	18.8	ng	1338120	5	19.24	1426430	20.0
Anthracene, 9-but...	18.62	10.6	ng	756754	5	19.24	1426430	20.0
Benzenamine, 3-(2...	18.73	11.8	ng	844520	5	19.24	1426430	20.0
Benzoic acid, 2-[...	19.05	6.9	ng	494892	5	19.24	1426430	20.0
Cyclotetracosane	19.12	12.0	ng	858367	5	19.24	1426430	20.0
unknown19.47	19.47	7.5	ng	533562	5	19.24	1426430	20.0
1-Tricosene	19.93	10.4	ng	738245	5	19.24	1426430	20.0
5-Methyl-2-phenyl...	22.46	35.2	ng	981417	6	21.02	557005	20.0