LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

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-BP110619.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	2.317	34	39	51	rVB	559273	852396	14.13%	1.164%
2	5.734	616	620	636	rVB	470744	713266	11.83%	0.974%
3	6.305	709	717	722	rBV	3309929	4277245	70.93%	5.841%
4	7.816	967	974	983	rVB	3501180	4792601	79.47%	6.545%
5	8.010	1001	1007	1012	rBV	3898221	4827838	80.06%	6.593%
6	8.375	1063	1069	1074	rBV	1226610	1437053	23.83%	1.962%
7	8.610	1104	1109	1114	rVB	3180247	3826618	63.45%	5.225%
8	9.246	1211	1217	1221	rBV	2377961	2869977	47.59%	3.919%
9	10.398	1408	1413	1417	rBV	1631609	1833607	30.41%	2.504%
10	11.634	1619	1623	1628	rVB2	66693	76845	1.27%	0.105%
11	12.175	1709	1715	1720	rBV	4890766	5793820	96.08%	7.912%
12	12.816	1818	1824	1825	rBV2	50654	62743	1.04%	0.086%
13	12.840	1825	1828	1833	rVB	308189	355766	5.90%	0.486%
14	13.022	1853	1859	1864	rBV	194067	243797	4.04%	0.333%
15	13.257	1894	1899	1904	rBV	1886085	2341617	38.83%	3.198%
16	13.557	1946	1950	1954	rBV2	54650	78280	1.30%	0.107%
17	13.675	1965	1970	1977	rBV4	65841	116962	1.94%	0.160%
18	13.798	1986	1991	1996	rBV4	46525	75968	1.26%	0.104%
19	14.157	2049	2052	2060	rVB2	64501	97043	1.61%	0.133%
20	14.551	2113	2119	2131	rBV	3649576	4552218	75.49%	6.216%
21	14.892	2174	2177	2183	rVB6	34139	63216	1.05%	0.086%
22	15.063	2200	2206	2209	rBV3	55829	106616	1.77%	0.146%
23	15.163	2219	2223	2226	rBV2	53572	77108	1.28%	0.105%
24	15.363	2253	2257	2265	rVB2	234128	334613	5.55%	0.457%
25	15.492	2276	2279	2282	rVB	56356	60841	1.01%	0.083%
26	15.657	2302	2307	2310	rBV	2053812	2416550	40.07%	3.300%
27	15.686	2310	2312	2317	rVB	868046	903653	14.98%	1.234%
28	15.763	2322	2325	2328	rBV	198997	205552	3.41%	0.281%
29	16.010	2364	2367	2374	rVB	58664	79331	1.32%	0.108%
30	16.157	2389	2392	2395	rVB2	94588	99533	1.65%	0.136%
31	16.222	2399	2403	2407	rBV3	115119	155649	2.58%	0.213%
32	16.410	2431	2435	2438	rBV	303292	332536	5.51%	0.454%
33	16.445	2438	2441	2447	rVB	397241	440463	7.30%	0.601%
34	16.510	2449	2452	2454	rBV	85216	99314	1.65%	0.136%

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Misc :
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Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

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-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.539	2454	2457	2458	rVV	270121	294579	4.88%	0.402%
36	16.557	2458	2460	2464	rVV	540790	633074	10.50%	0.865%
37	16.598	2464	2467	2472	rVB	245316	280892	4.66%	0.384%
38	16.839	2504	2508	2514	rBV2	241967	369918	6.13%	0.505%
39	17.051	2541	2544	2547	rBV2	64360	74452	1.23%	0.102%
40	17.086	2547	2550	2553	rBV	83521	83167	1.38%	0.114%
41	17.122	2553	2556	2560	rVB	75113	85345	1.42%	0.117%
42	17.192	2564	2568	2571	rBV	211161	260743	4.32%	0.356%
43	17.233	2571	2575	2578	rBV	150750	174019	2.89%	0.238%
44	17.398	2598	2603	2607	rBV	1841300	1929453	31.99%	2.635%
45	17.433	2607	2609	2614	rVB	73939	65282	1.08%	0.089%
46	17.486	2614	2618	2621	rBV3	91956	137246	2.28%	0.187%
47	17.522	2621	2624	2628	rVB	232853	264584	4.39%	0.361%
48	17.598	2631	2637	2639	rBV4	85715	154724	2.57%	0.211%
49	17.622	2639	2641	2645	rVB	97422	103273	1.71%	0.141%
50	17.704	2650	2655	2659	rVB	1984751	2263370	37.53%	3.091%
51	17.875	2681	2684	2687	rBV2	96668	108375	1.80%	0.148%
52	17.933	2687	2694	2698	rBV	5654874	6030514	100.00%	8.235%
53	18.010	2704	2707	2711	rVB3	155037	222537	3.69%	0.304%
54	18.127	2723	2727	2729	rBV4	149538	249601	4.14%	0.341%
55	18.151	2729	2731	2736	rVB	312994	349511	5.80%	0.477%
56	18.245	2743	2747	2751	rBV2	203991	242570	4.02%	0.331%
57	18.292	2751	2755	2760	rVB2	309276	364822	6.05%	0.498%
58	18.375	2766	2769	2771	rBV	62466	69071	1.15%	0.094%
59	18.410	2772	2775	2778	rVV	209190	227083	3.77%	0.310%
60	18.451	2778	2782	2788	rVV	194684	217918	3.61%	0.298%
61	18.816	2841	2844	2851	rVB	170824	240378	3.99%	0.328%
62	18.963	2865	2869	2873	rBV2	136949	207907	3.45%	0.284%
63	19.004	2873	2876	2878	rVV	142832	144506	2.40%	0.197%
64	19.027	2878	2880	2882	rVB	107322	85418	1.42%	0.117%
65	19.086	2888	2890	2897	rVB	143146	150597	2.50%	0.206%
66	19.157	2899	2902	2912	rVB4	422404	583889	9.68%	0.797%
67	19.292	2919	2925	2928	rBV2	2328589	3542723	58.75%	4.838%
68	19.322	2928	2930	2934	rVB	827462	842211	13.97%	1.150%
69	19.469	2952	2955	2958	rBV	153885	141657	2.35%	0.193%
70	19.580	2972	2974	2979	rBV	74885	86439	1.43%	0.118%
71	19.751	3000	3003	3005	rBV	69326	80670	1.34%	0.110%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

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-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.792	3005	3010	3014	rVV	267835	377656	6.26%	0.516%
73	19.839	3015	3018	3021	rVB2	144403	169896	2.82%	0.232%
74	19.910	3028	3030	3033	rVB2	119510	112451	1.86%	0.154%
75	19.951	3034	3037	3039	rBV2	97127	120848	2.00%	0.165%
76	19.974	3039	3041	3043	rVB	106210	89171	1.48%	0.122%
77	20.433	3117	3119	3123	rVB	181476	188709	3.13%	0.258%
78	20.580	3139	3144	3148	rBV	695178	1263745	20.96%	1.726%
79	20.704	3162	3165	3170	rVB	175686	222756	3.69%	0.304%
80	20.927	3199	3203	3210	rVB	428207	552299	9.16%	0.754%
81	20.998	3211	3215	3220	rVB	680161	902507	14.97%	1.232%
82	21.074	3223	3228	3232	rBV	1625652	2226039	36.91%	3.040%
83	22.733	3504	3510	3520	rVB2	268868	641886	10.64%	0.877%
84	23.227	3589	3594	3601	rVB	194612	398920	6.62%	0.545%

Sum of corrected areas: 73230036

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001026.D
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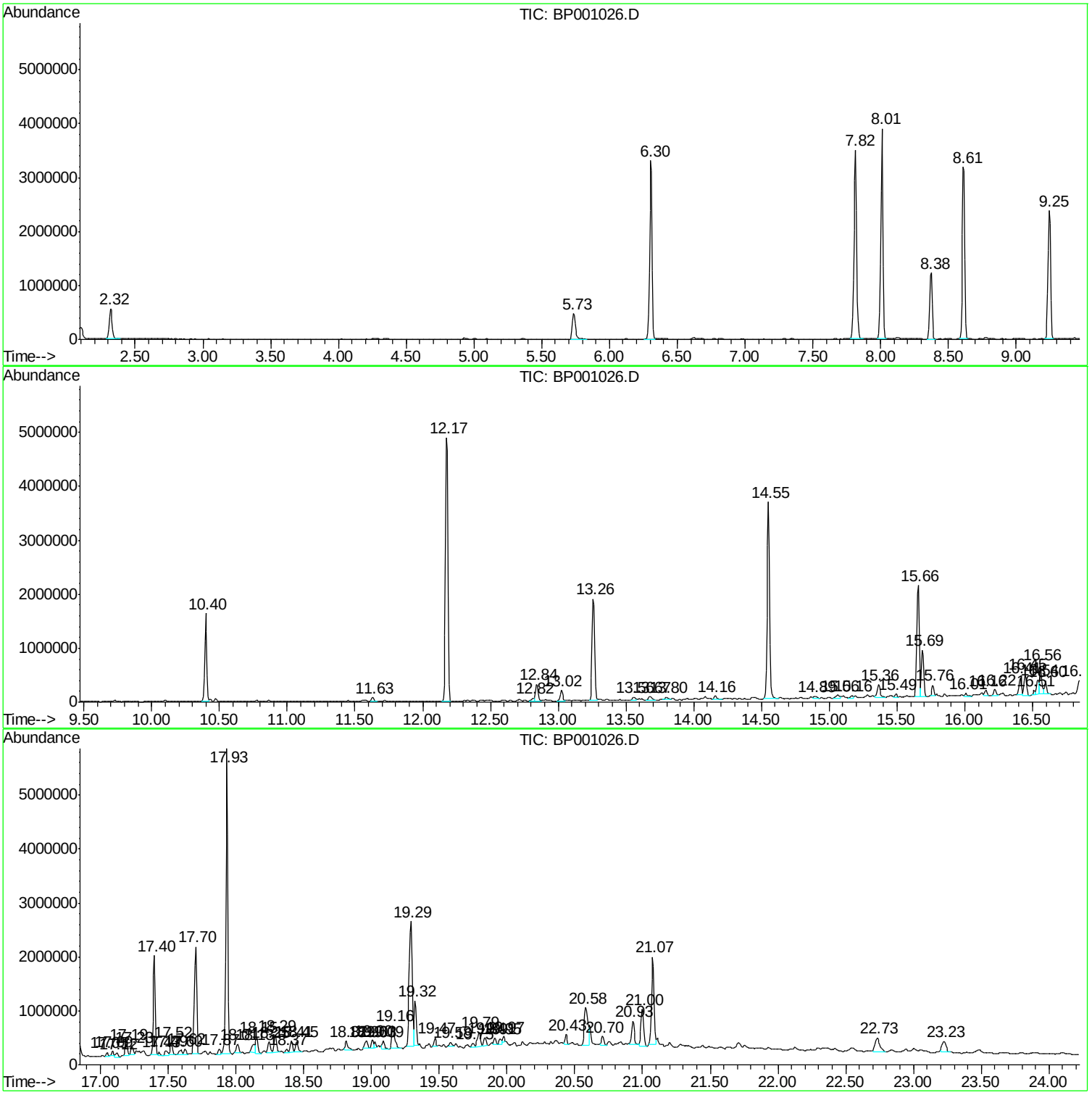
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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\BP111119\
Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

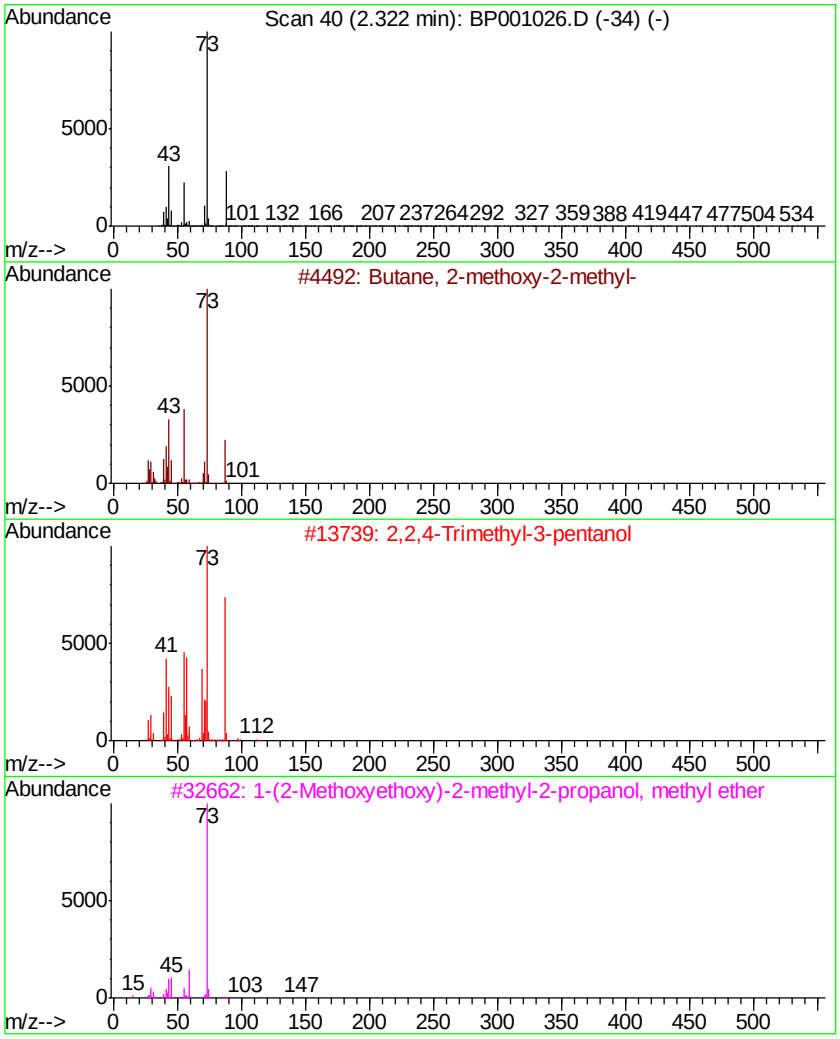
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

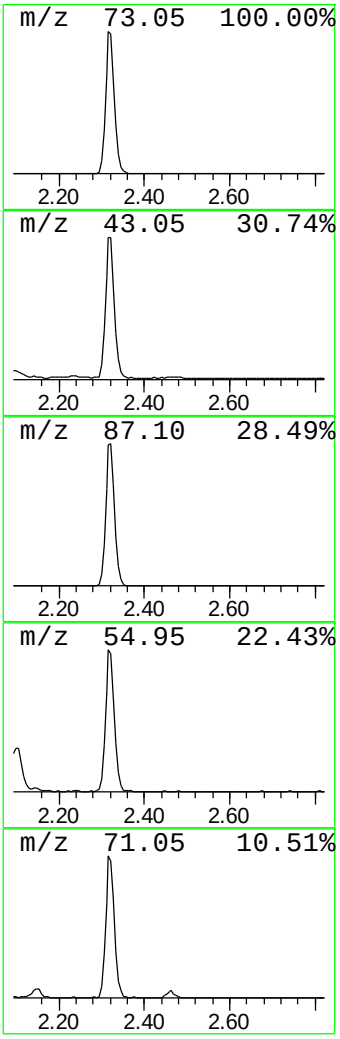
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	11.86 ng	852396	1,4-Dichlorobenzene-d4	8.38

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	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

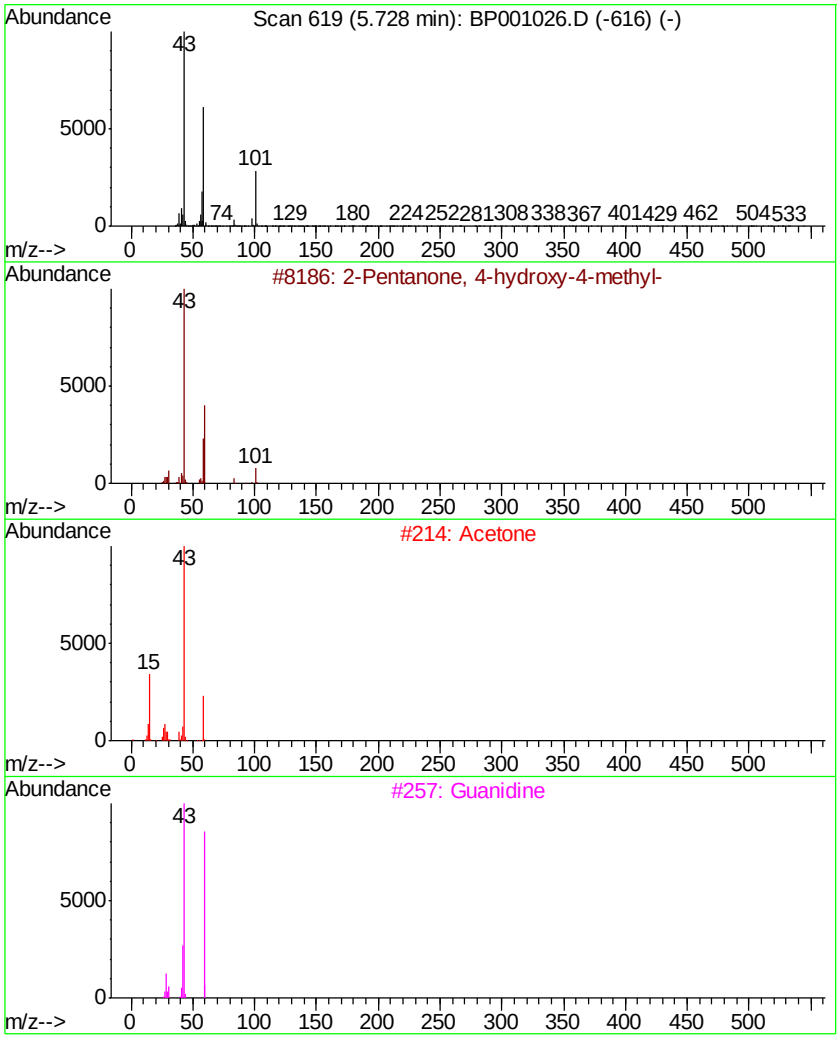
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

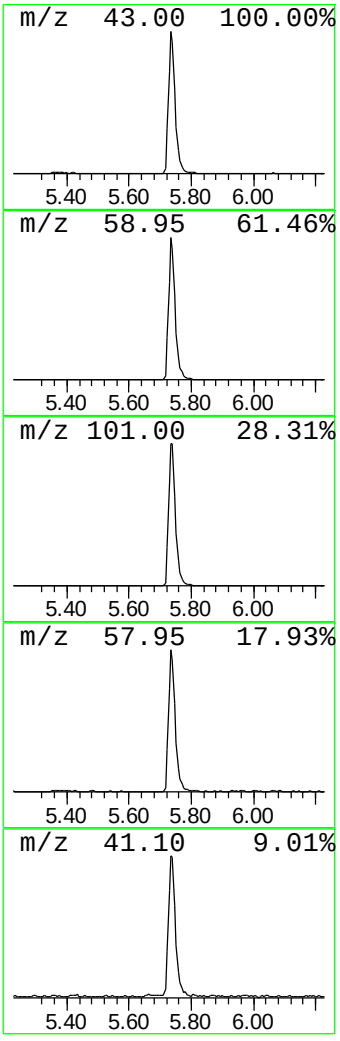
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	9.93 ng	713266	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetone	58	C3H6O	000067-64-1	10
3	Guanidine	59	CH5N3	000113-00-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

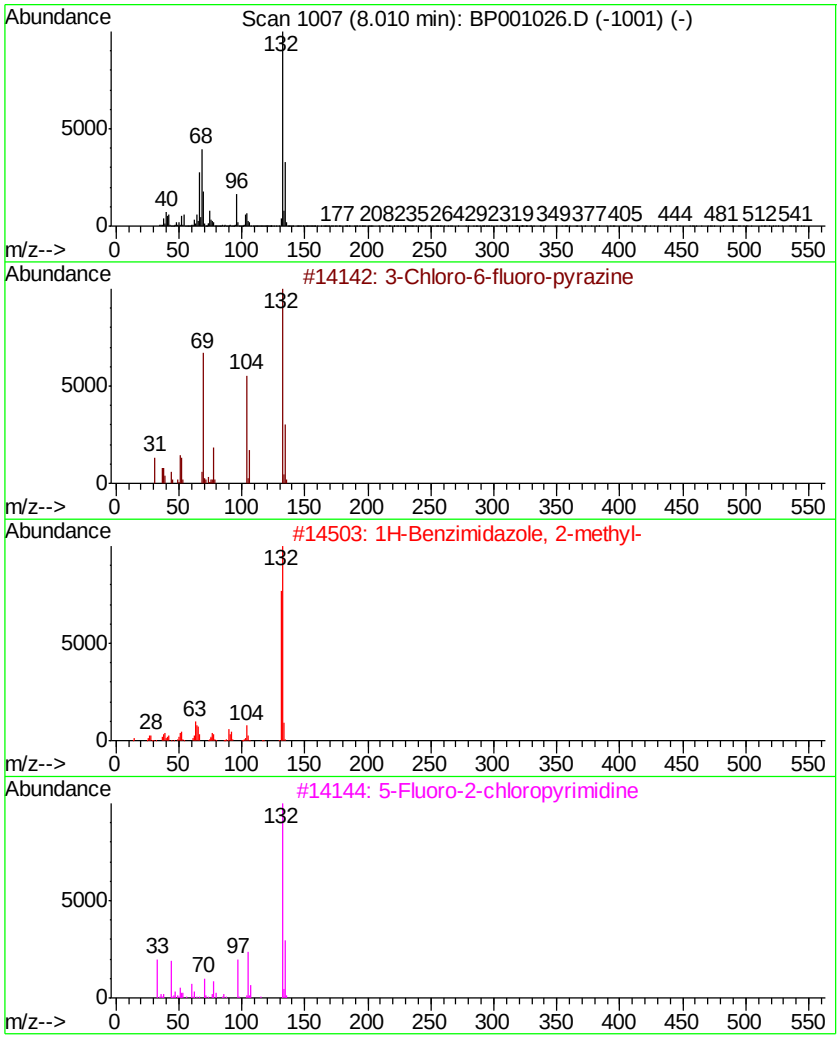
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

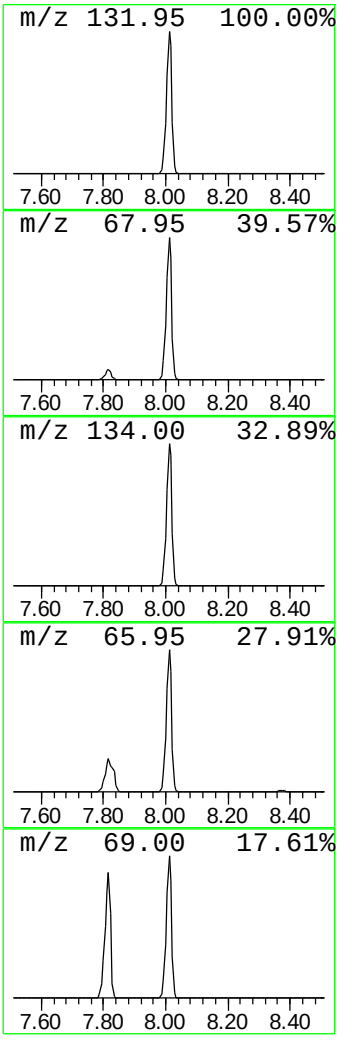
****

Peak Number 3 unknown8.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	67.19 ng	4827840	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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TIC Library : C:\DATABASE\NIST11.L
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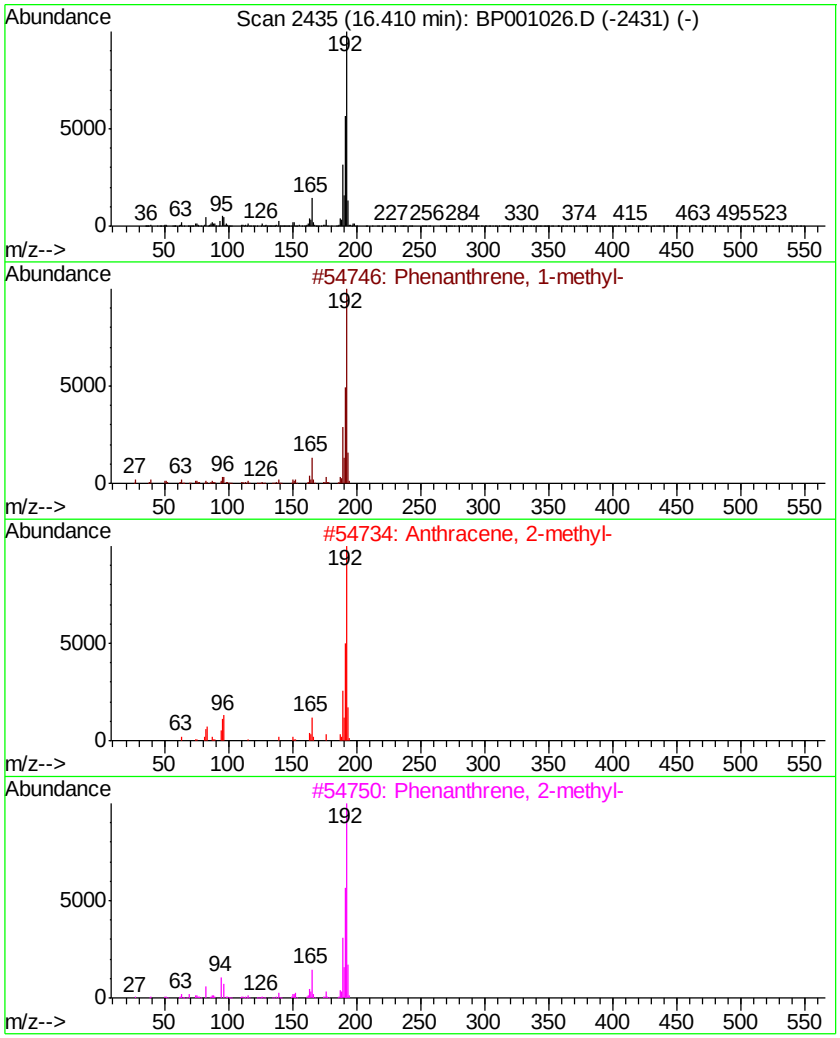
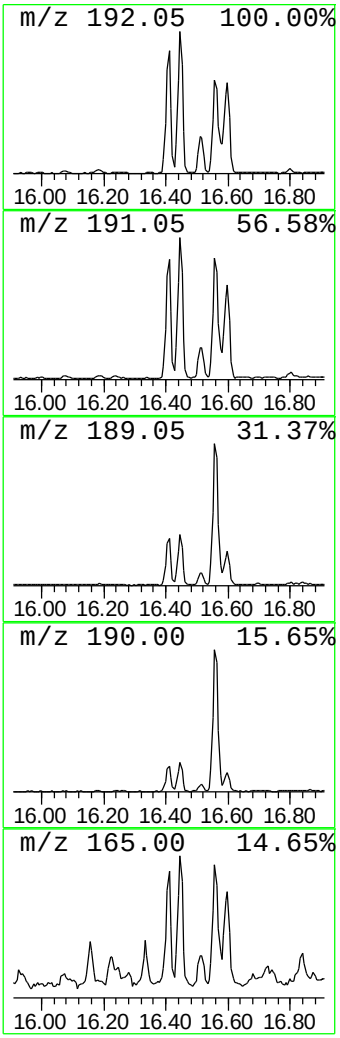
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.75 ng	332536	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

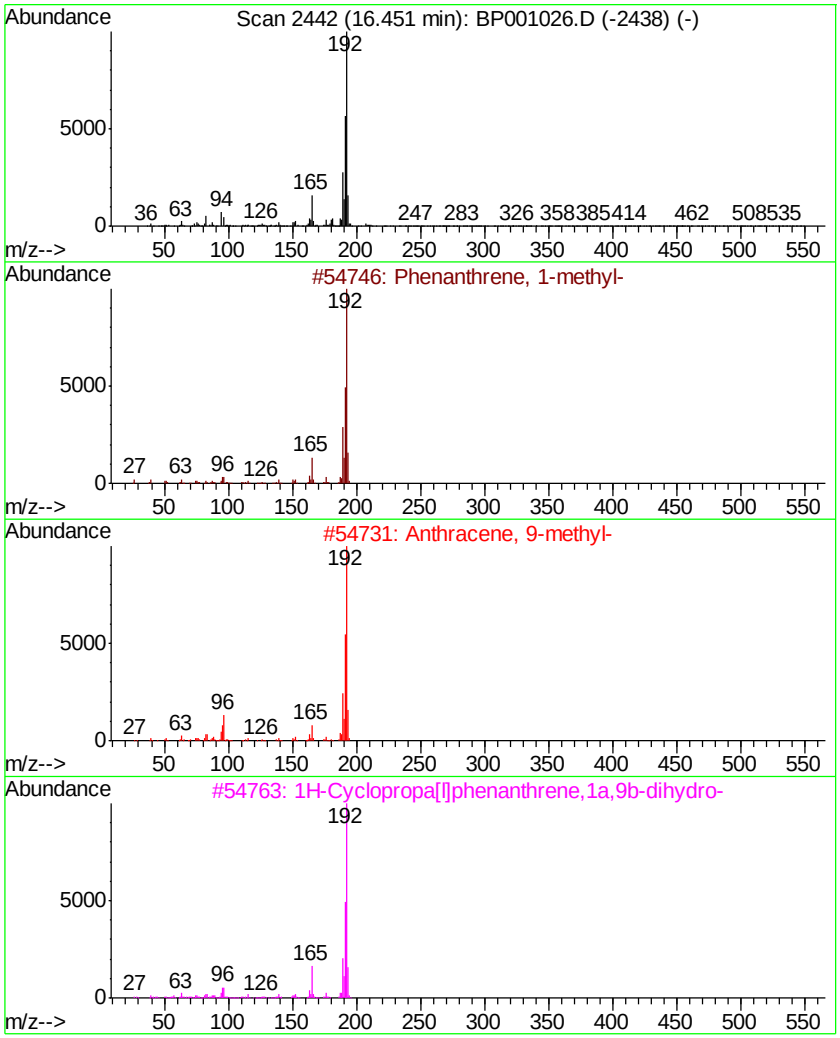
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

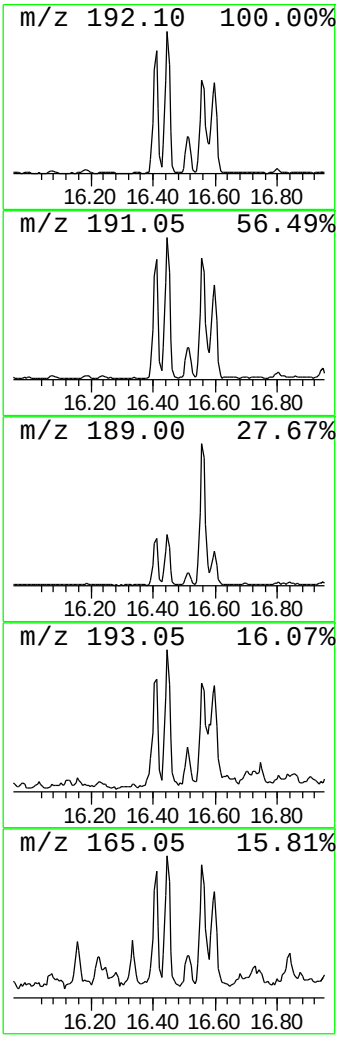
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.65 ng	440463	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

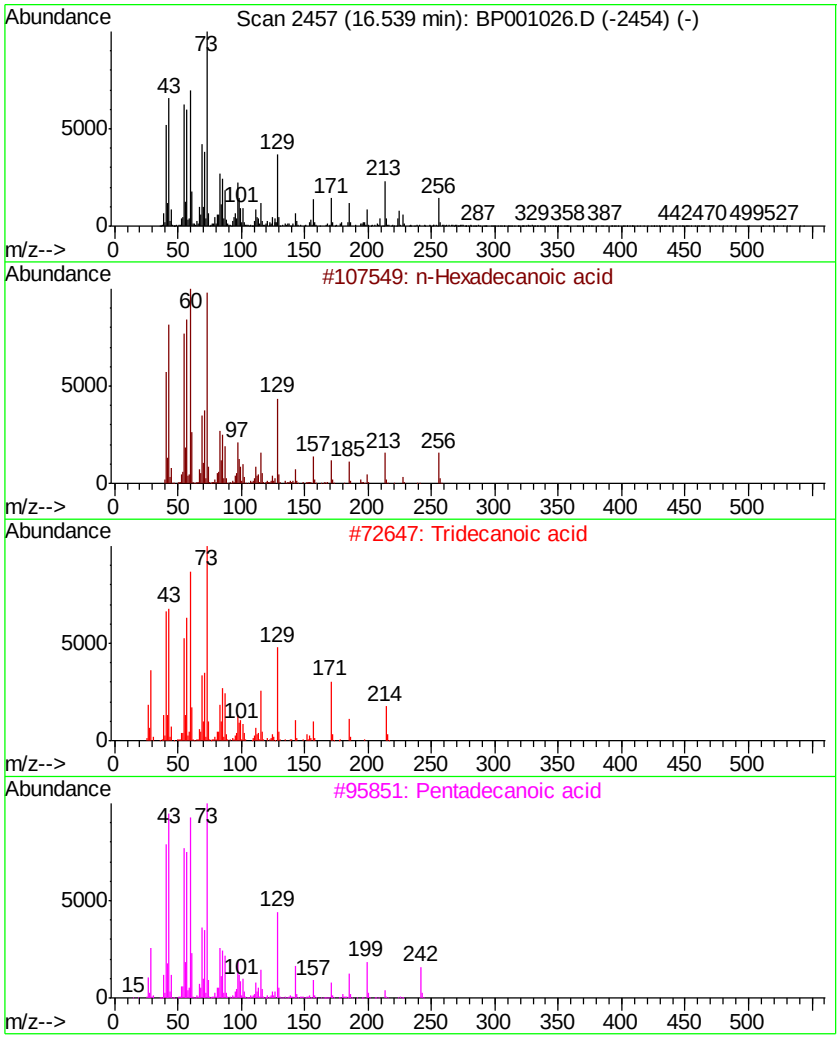
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

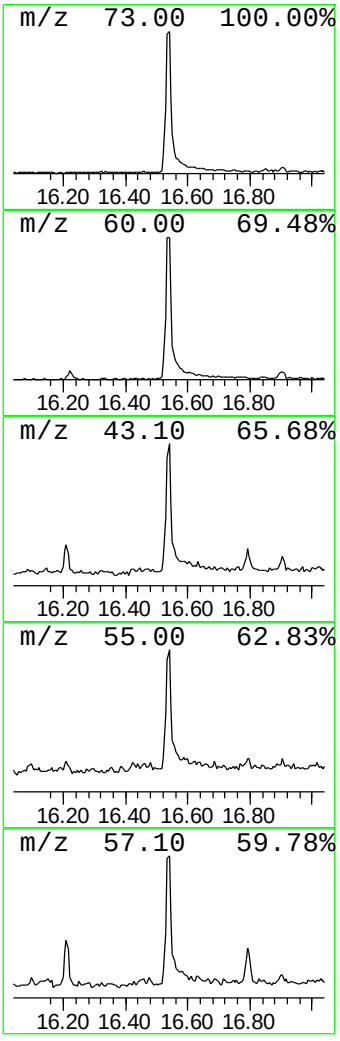
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.44 ng	294579	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

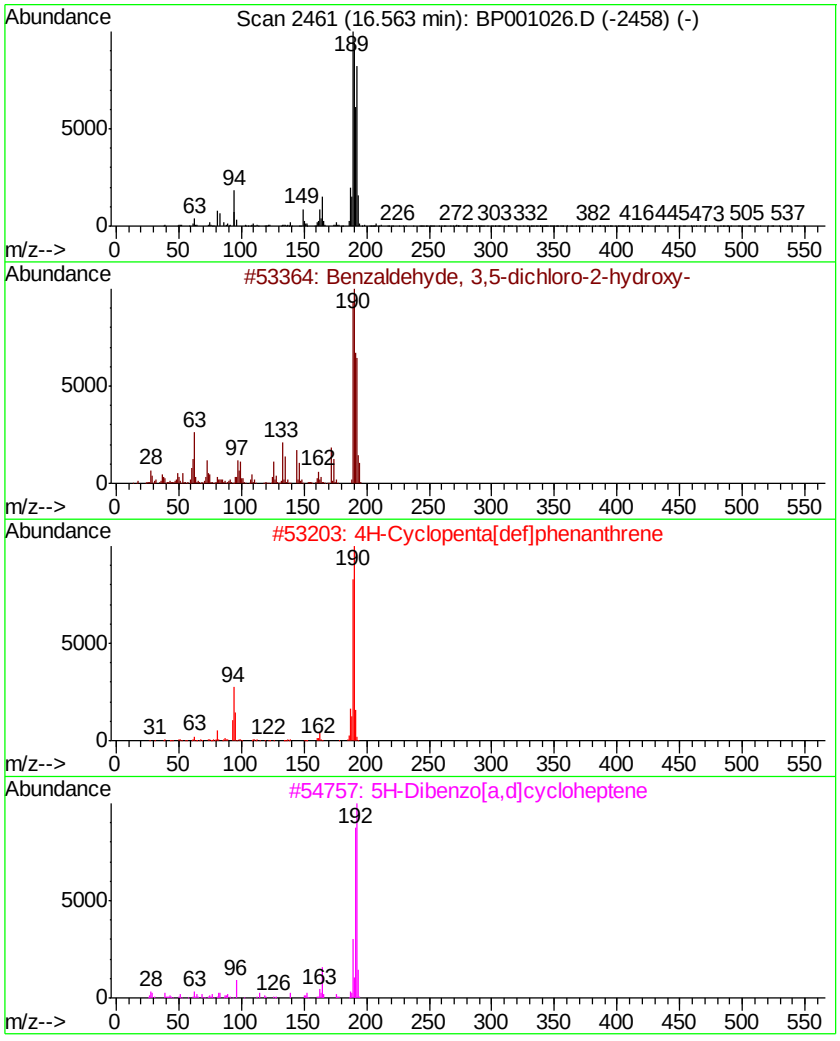
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

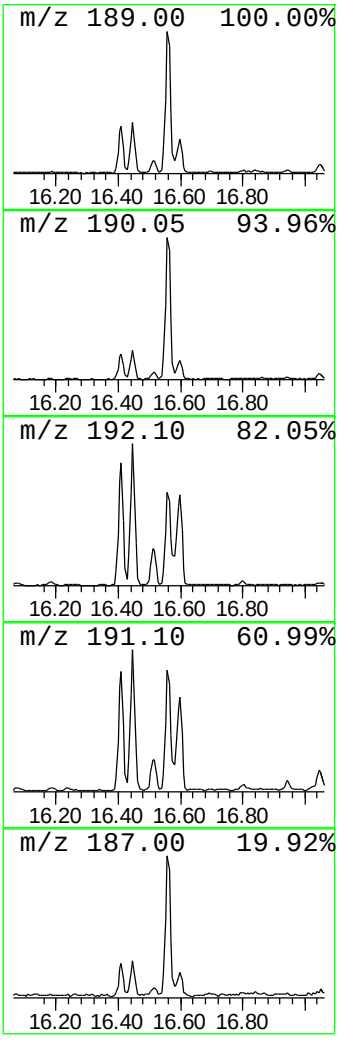
****

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	5.24 ng	633074	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

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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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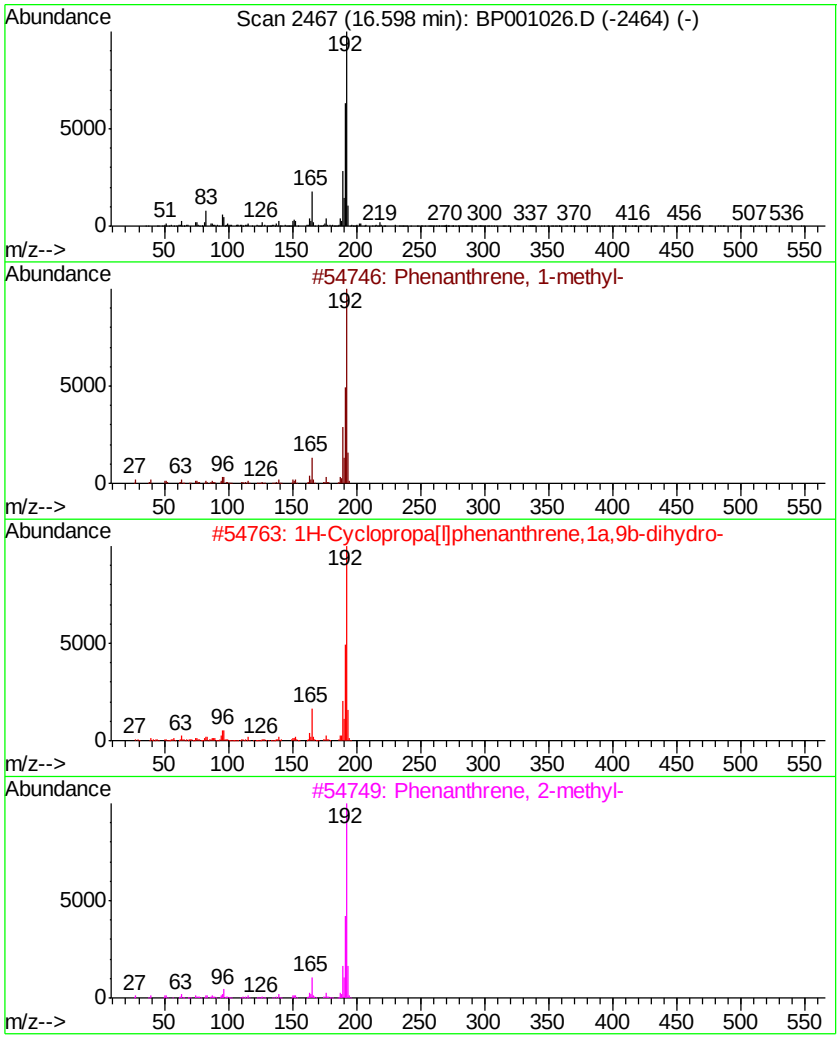
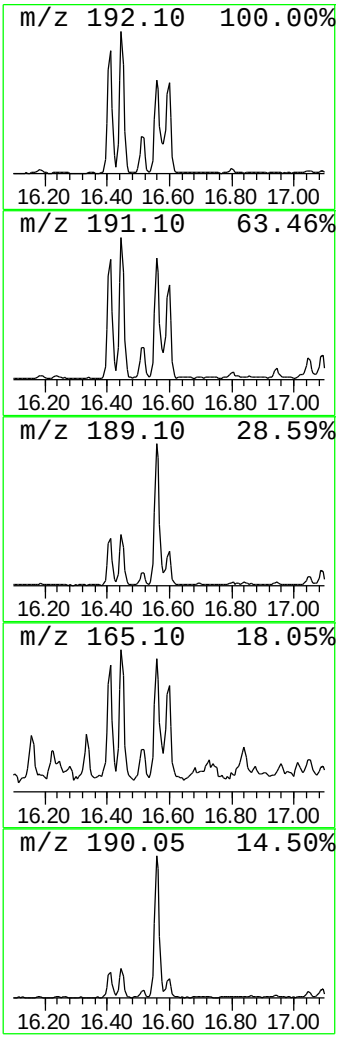
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.32 ng	280892	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	83





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Sample : K5777-01
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Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

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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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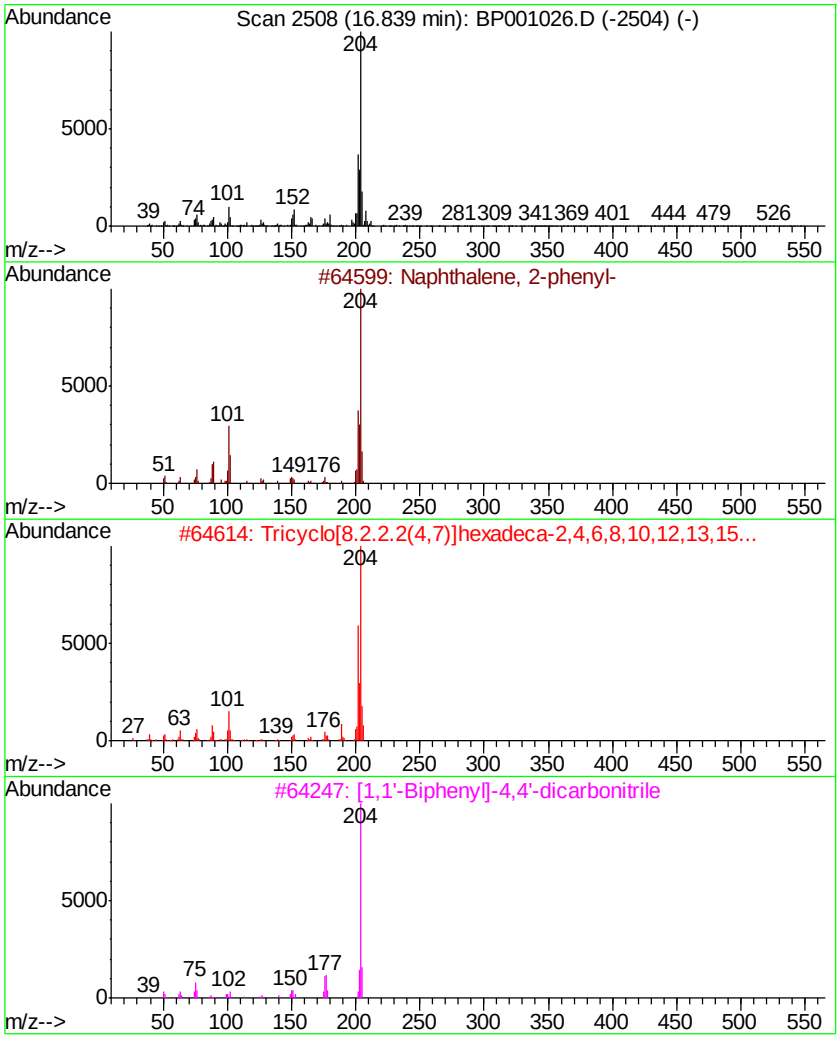
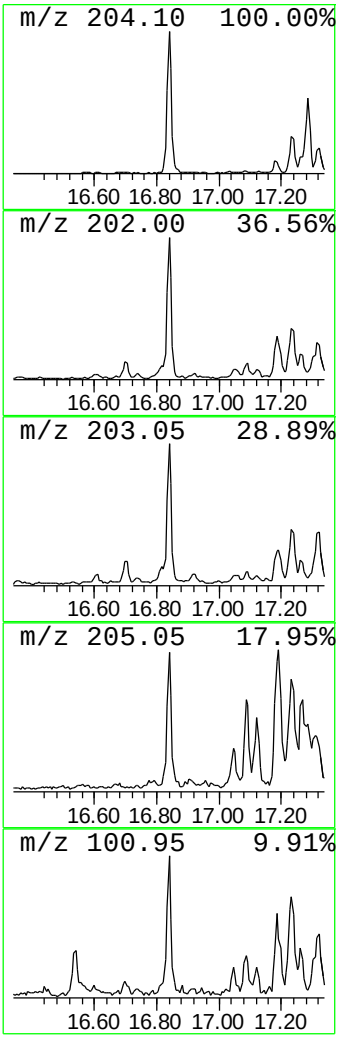
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.06 ng	369918	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

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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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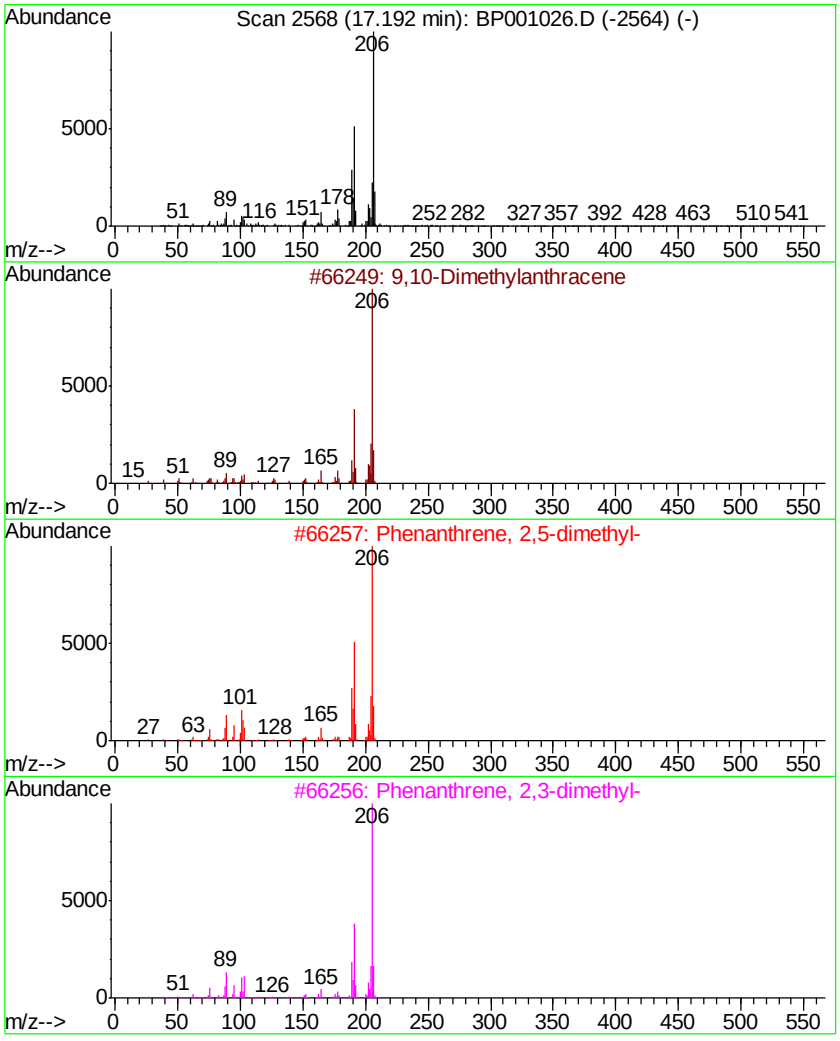
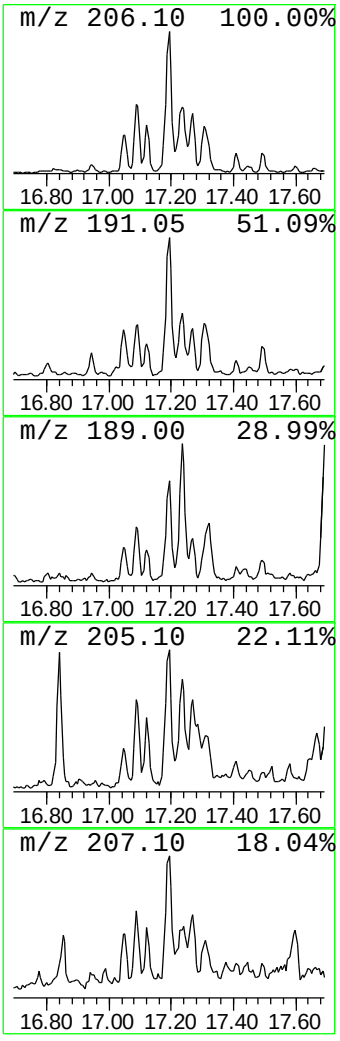
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	2.16 ng	260743	Phenanthrene-d10	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

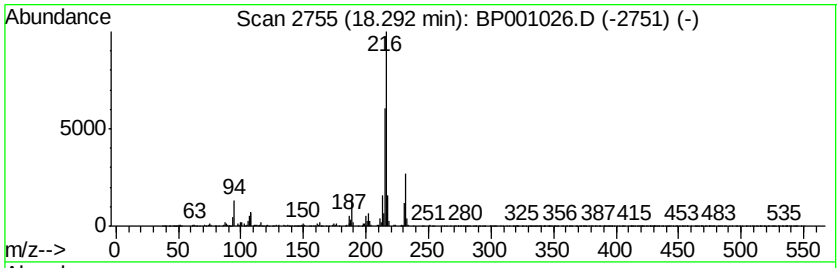
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

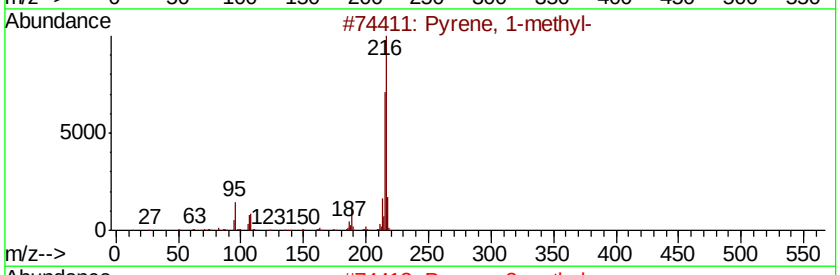
****

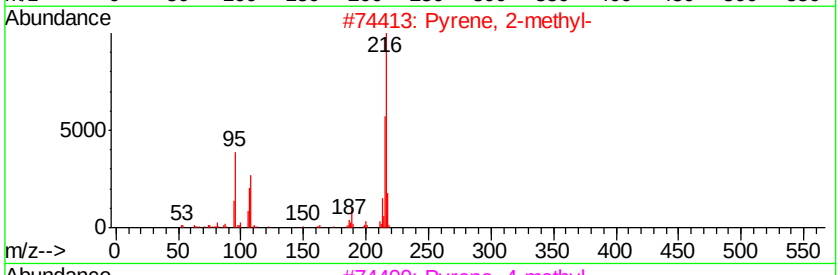
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

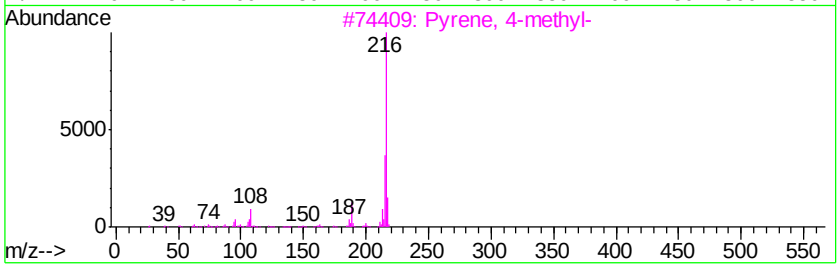
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.06 ng	364822	Chrysene-d12	19.29

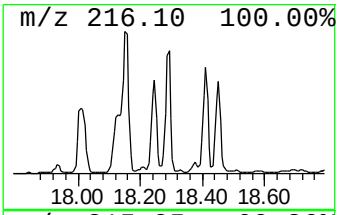
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70

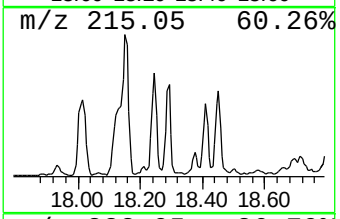


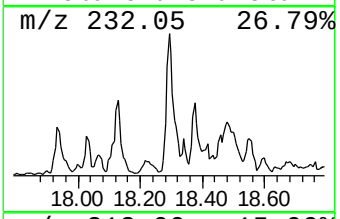


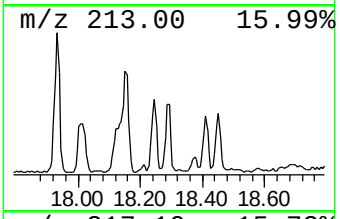


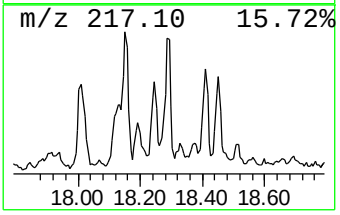












Library Search Compound Report

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Data File : BP001026.D
Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

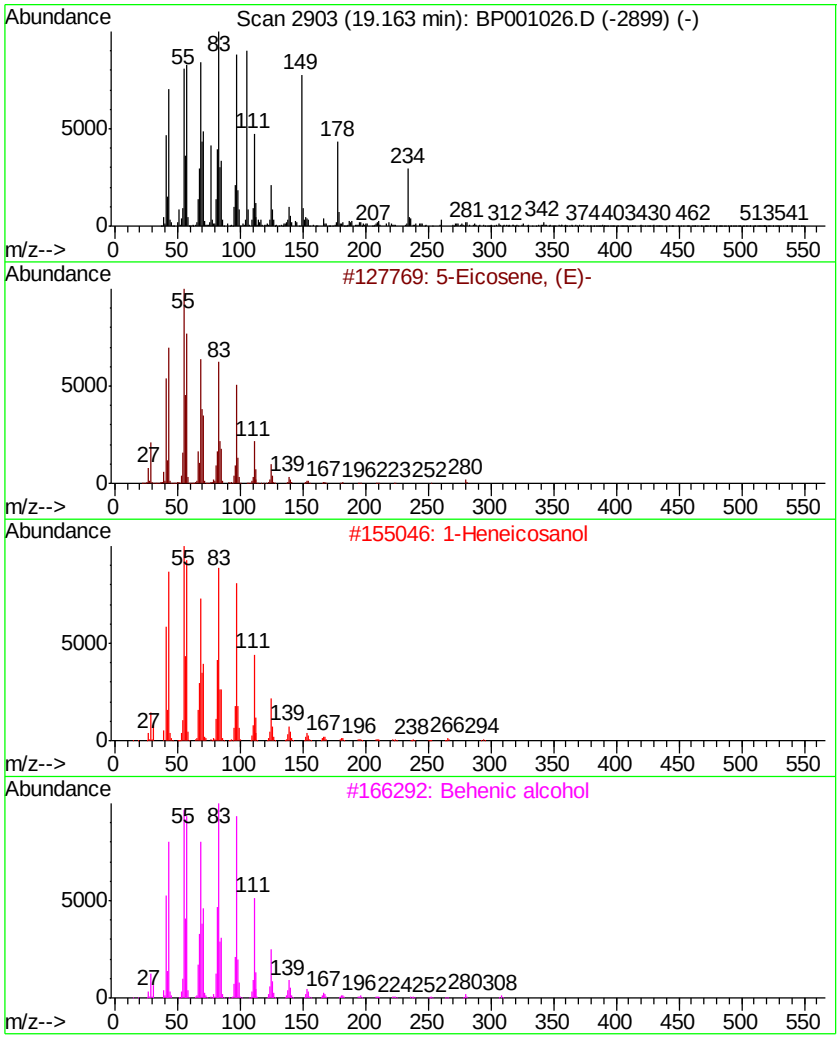
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

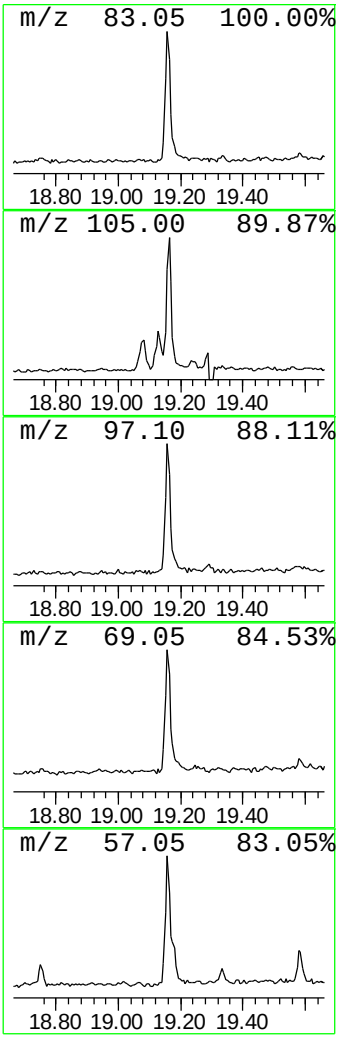
****

Peak Number 13 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.30 ng	583889	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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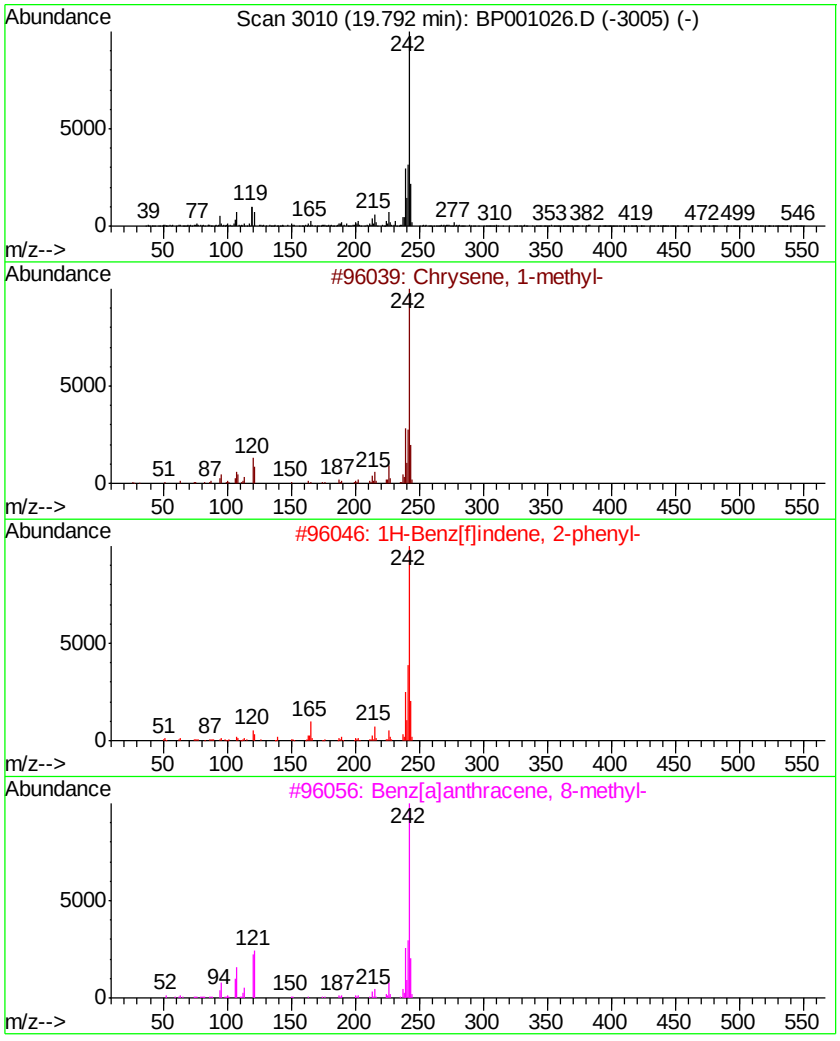
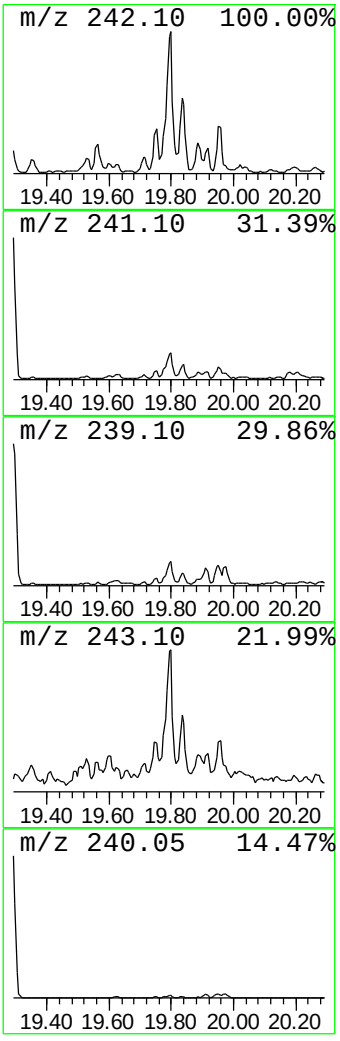
Peak Number 14 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.13 ng	377656	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	94
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89





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Acq On : 11 Nov 2019 20:11
Operator : JU
Sample : K5777-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AOC-7-WEST-OUTFALL-(10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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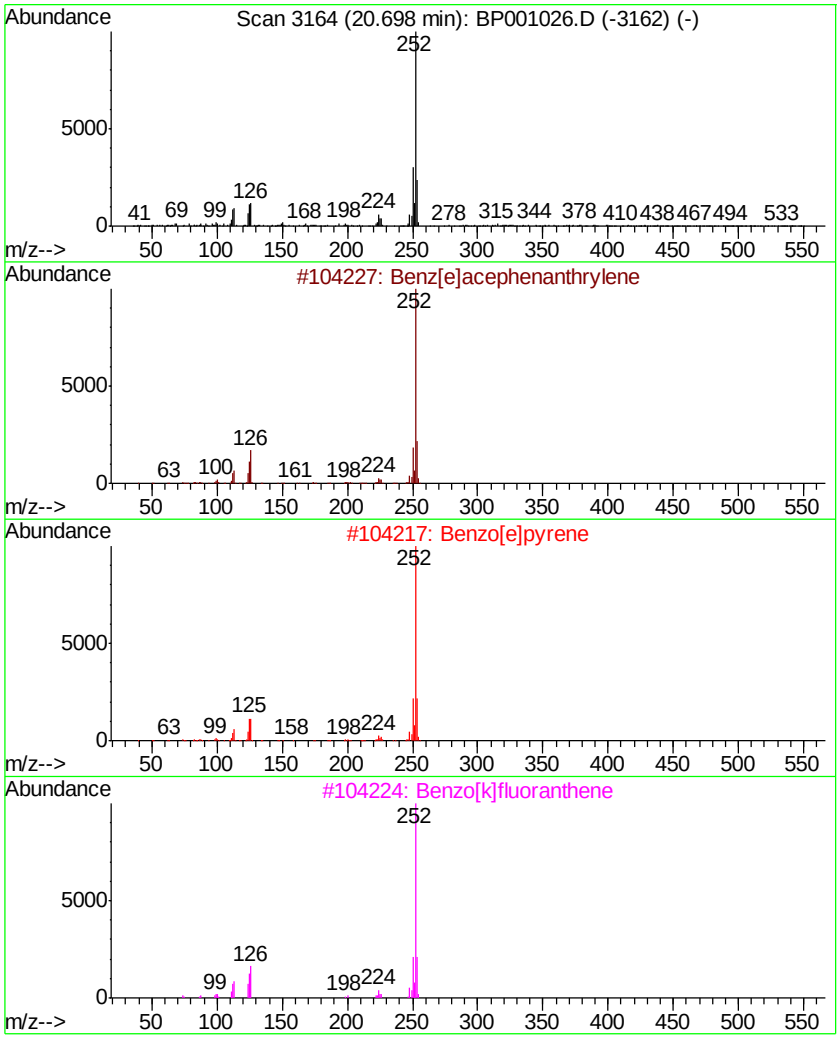
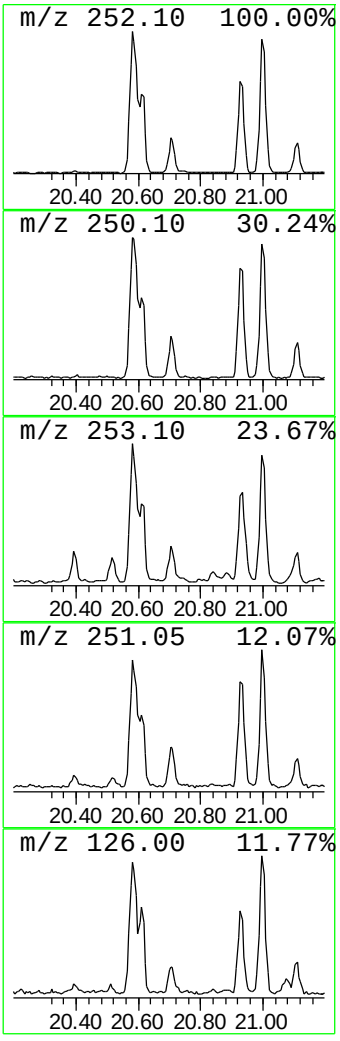
Peak Number 15 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.00 ng	222756	Perylene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	72





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TIC Library : C:\DATABASE\NIST11.L
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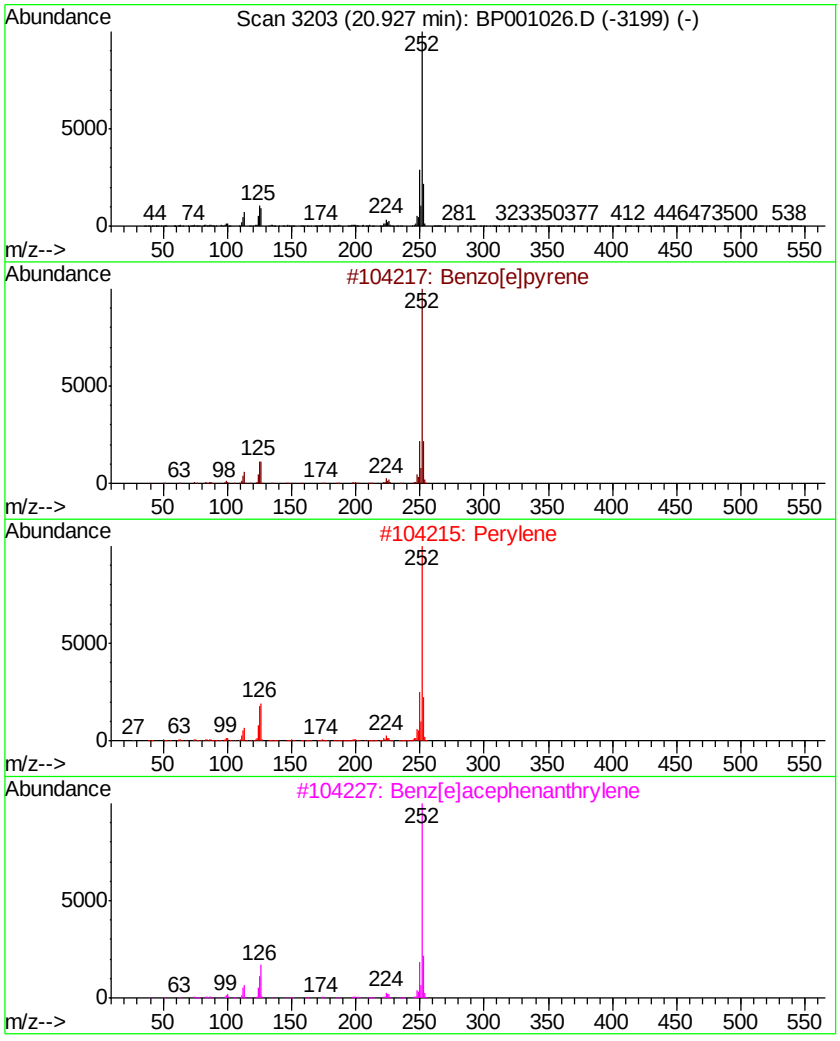
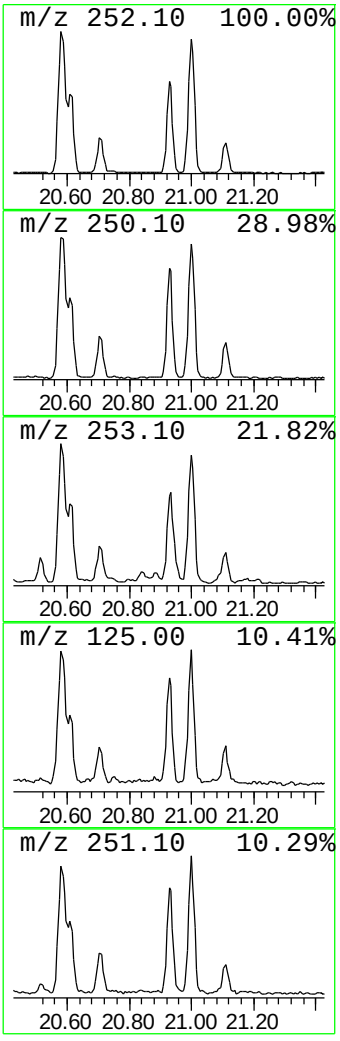
Peak Number 16 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.96 ng	552299	Perylene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Tentatively Identified Compound (LSC) summary

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Operator : JU
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Instrument :
BNA_P
ClientSampleId :
AOC-7-WEST-OUTFALL-(10)

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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...	2.32	11.9	ng	852396	1	8.38	1437050	20.0
2-Pentanone, 4-hy...	5.73	9.9	ng	713266	1	8.38	1437050	20.0
unknown8.01	8.01	67.2	ng	4827840	1	8.38	1437050	20.0
Anthracene, 2-met...	16.41	2.8	ng	332536	4	15.66	2416550	20.0
Anthracene, 9-met...	16.45	3.6	ng	440463	4	15.66	2416550	20.0
n-Hexadecanoic acid	16.54	2.4	ng	294579	4	15.66	2416550	20.0
Benzaldehyde, 3,5...	16.56	5.2	ng	633074	4	15.66	2416550	20.0
Phenanthrene, 1-m...	16.60	2.3	ng	280892	4	15.66	2416550	20.0
Naphthalene, 2-ph...	16.84	3.1	ng	369918	4	15.66	2416550	20.0
9,10-Dimethylanth...	17.19	2.2	ng	260743	4	15.66	2416550	20.0
Pyrene, 1-methyl-	18.29	2.1	ng	364822	5	19.29	3542720	20.0
5-Eicosene, (E)-	19.16	3.3	ng	583889	5	19.29	3542720	20.0
Chrysene, 1-methyl-	19.79	2.1	ng	377656	5	19.29	3542720	20.0
Benzo[e]pyrene	20.70	2.0	ng	222756	6	21.07	2226040	20.0
Perylene	20.93	5.0	ng	552299	6	21.07	2226040	20.0