LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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\8270E-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.052	7	11	34	rVB	485692	756646	1.89%	0.165%
2	5.434	409	416	423	rBV	3416448	5256430	13.10%	1.146%
3	6.846	646	656	663	rBV	778172	1254391	3.13%	0.274%
4	7.022	677	686	692	rBV	3135342	5496145	13.70%	1.199%
5	7.075	692	695	707	rVB3	300877	637242	1.59%	0.139%
6	7.187	707	714	719	rBV	259026	442818	1.10%	0.097%
7	7.499	759	767	773	rBV2	283340	512792	1.28%	0.112%
8	7.840	813	825	834	rVB2	1868274	3193973	7.96%	0.697%
9	7.981	842	849	855	rVB	383999	658375	1.64%	0.144%
10	8.087	860	867	879	rVV	1229079	2320210	5.78%	0.506%
11	8.340	904	910	914	rBV	307040	497563	1.24%	0.109%
12	8.399	914	920	924	rBV	959457	1660090	4.14%	0.362%
13	8.528	937	942	948	rVB	972617	1453503	3.62%	0.317%
14	8.734	970	977	980	rBV	554919	952157	2.37%	0.208%
15	8.764	980	982	995	rVB	328276	516121	1.29%	0.113%
16	8.893	995	1004	1011	rBV3	173444	466709	1.16%	0.102%
17	9.005	1011	1023	1029	rBV	1985260	3627281	9.04%	0.791%
18	9.087	1034	1037	1046	rVB	237565	452286	1.13%	0.099%
19	9.440	1091	1097	1102	rBV2	323483	620765	1.55%	0.135%
20	10.063	1194	1203	1210	rVB	258040	479289	1.19%	0.105%
21	10.646	1294	1302	1308	rBV	1245025	2207602	5.50%	0.481%
22	13.110	1713	1721	1741	rBV	5147881	8269397	20.61%	1.803%
23	14.487	1948	1955	1963	rBV	1756139	2876685	7.17%	0.627%
24	15.022	2041	2046	2052	rBV3	200967	458270	1.14%	0.100%
25	15.493	2121	2126	2132	rBV	2033344	2813041	7.01%	0.613%
26	15.757	2165	2171	2175	rBV2	448261	831161	2.07%	0.181%
27	15.934	2195	2201	2204	rBV	2480388	3836401	9.56%	0.837%
28	15.975	2204	2208	2218	rVV2	4456058	8065508	20.10%	1.759%
29	16.240	2245	2253	2259	rBV	10680542	16528105	41.19%	3.605%
30	16.334	2262	2269	2273	rVV	16734236	28170426	70.20%	6.144%
31	16.404	2273	2281	2286	rVV2	17823133	40130701	100.00%	8.752%
32	16.457	2286	2290	2294	rVV2	18048052	29907883	74.53%	6.522%
33	16.504	2294	2298	2302	rVV	13136463	18788201	46.82%	4.097%
34	16.575	2302	2310	2313	rVV2	8472794	21142416	52.68%	4.611%
35	16.604	2313	2315	2319	rVV	7497105	8922388	22.23%	1.946%
36	16.663	2319	2325	2331	rVV3	15516978	33815711	84.26%	7.375%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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\8270E-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.728	2331	2336	2339	rVV	17641026	28557884	71.16%	6.228%
38	16.763	2339	2342	2345	rVV2	7261859	12072506	30.08%	2.633%
39	16.798	2345	2348	2355	rVB2	11874627	17852824	44.49%	3.893%
40	16.863	2355	2359	2364	rVB2	359031	501812	1.25%	0.109%
41	16.940	2366	2372	2375	rBV2	1363183	2462035	6.14%	0.537%
42	17.004	2379	2383	2386	rVV3	1185108	2048270	5.10%	0.447%
43	17.057	2386	2392	2396	rVV2	2297378	5104606	12.72%	1.113%
44	17.092	2396	2398	2402	rVV	910948	1329254	3.31%	0.290%
45	17.134	2402	2405	2408	rVV2	1236855	1789431	4.46%	0.390%
46	17.163	2408	2410	2416	rVB	830688	989637	2.47%	0.216%
47	17.245	2419	2424	2430	rBV2	2349286	3633684	9.05%	0.792%
48	17.392	2446	2449	2452	rBV	355600	414574	1.03%	0.090%
49	17.440	2453	2457	2463	rVV2	358358	739664	1.84%	0.161%
50	17.551	2473	2476	2482	rVB3	675502	1141998	2.85%	0.249%
51	17.610	2482	2486	2489	rBV	873558	1193102	2.97%	0.260%
52	17.816	2517	2521	2526	rBV	434350	672887	1.68%	0.147%
53	18.151	2572	2578	2584	rBV2	4415343	8061024	20.09%	1.758%
54	18.204	2585	2587	2591	rVB	496206	502282	1.25%	0.110%
55	18.251	2591	2595	2599	rBV	1850888	2564189	6.39%	0.559%
56	18.298	2599	2603	2606	rBV	1820623	2854410	7.11%	0.623%
57	18.334	2607	2609	2612	rVB	1335981	1284969	3.20%	0.280%
58	18.381	2612	2617	2621	rBV2	1515973	2356772	5.87%	0.514%
59	18.463	2621	2631	2634	rBV3	5564978	11281954	28.11%	2.460%
60	18.498	2634	2637	2641	rVB2	3889770	4886417	12.18%	1.066%
61	18.539	2641	2644	2647	rVB	2726943	3010078	7.50%	0.656%
62	18.587	2647	2652	2654	rBV	4104148	6792514	16.93%	1.481%
63	18.651	2660	2663	2667	rVV	2378821	2982580	7.43%	0.650%
64	18.722	2667	2675	2682	rVB	8952916	21409426	53.35%	4.669%
65	18.822	2687	2692	2696	rBV4	352032	754940	1.88%	0.165%
66	18.869	2696	2700	2708	rVB3	869348	1797068	4.48%	0.392%
67	18.969	2714	2717	2720	rBV3	609633	756382	1.88%	0.165%
68	19.004	2720	2723	2727	rVB3	692187	786688	1.96%	0.172%
69	19.086	2733	2737	2741	rVB	5179780	5859751	14.60%	1.278%
70	19.257	2763	2766	2768	rBV	636861	676265	1.69%	0.147%
71	19.292	2768	2772	2779	rVB3	1225386	2237600	5.58%	0.488%
72	19.351	2779	2782	2783	rBV	410079	471480	1.17%	0.103%
73	19.375	2783	2786	2792	rVB	1875692	2301259	5.73%	0.502%
74	19.604	2821	2825	2834	rVB3	961606	1793035	4.47%	0.391%
75	19.804	2855	2859	2864	rVB	8987619	10822776	26.97%	2.360%
76	20.086	2905	2907	2909	rBV	447989	457519	1.14%	0.100%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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\8270E-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.481	2972	2974	2979	rVB	829619	841543	2.10%	0.184%
78	21.251	3101	3105	3110	rVB	10976753	12664269	31.56%	2.762%
79	21.333	3115	3119	3125	rBV	2785102	3976999	9.91%	0.867%
80	21.722	3182	3185	3190	rVB	1403108	1967629	4.90%	0.429%
81	23.757	3528	3531	3539	rVB2	2022768	3862095	9.62%	0.842%

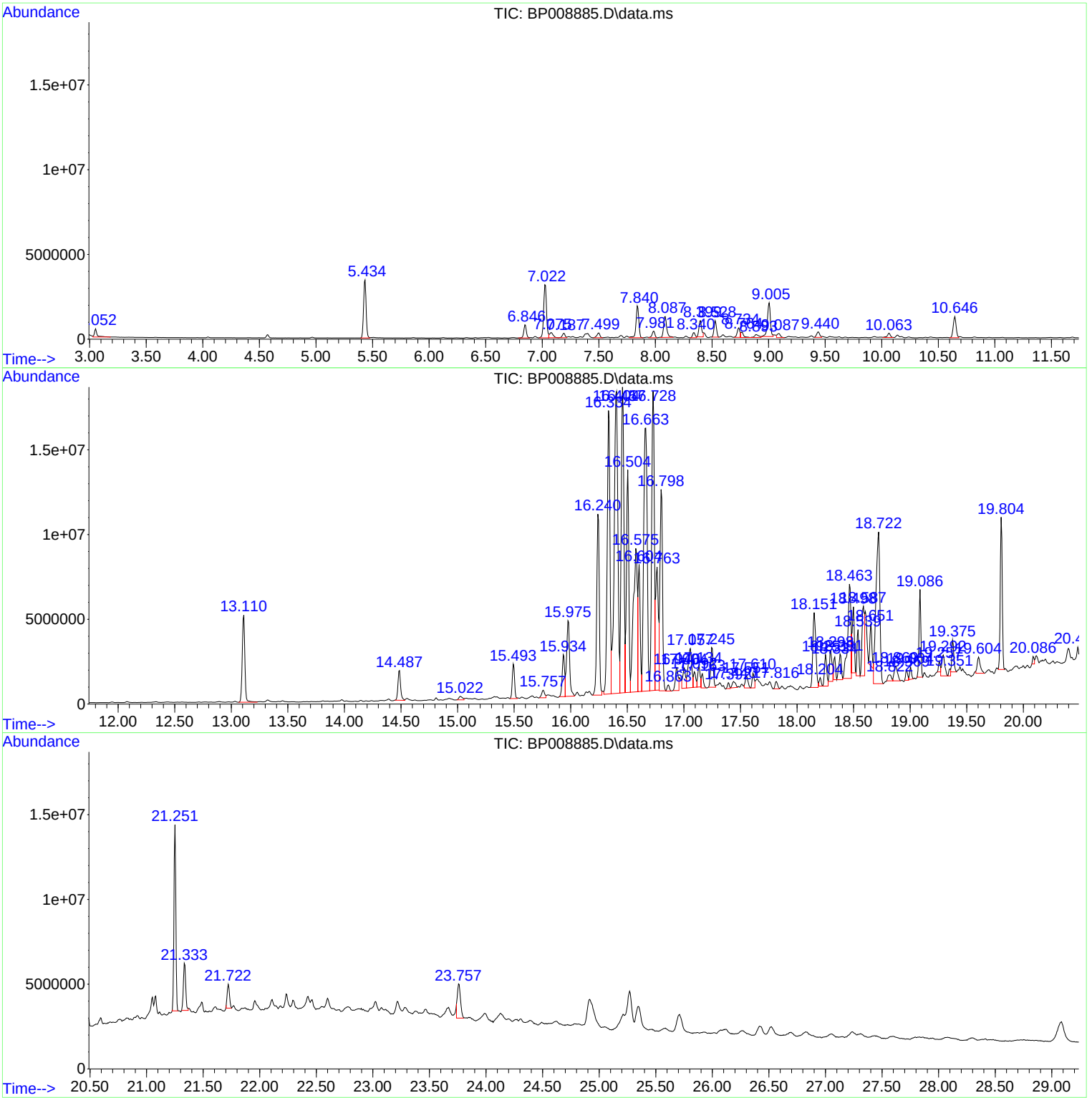
Sum of corrected areas: 458536763

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

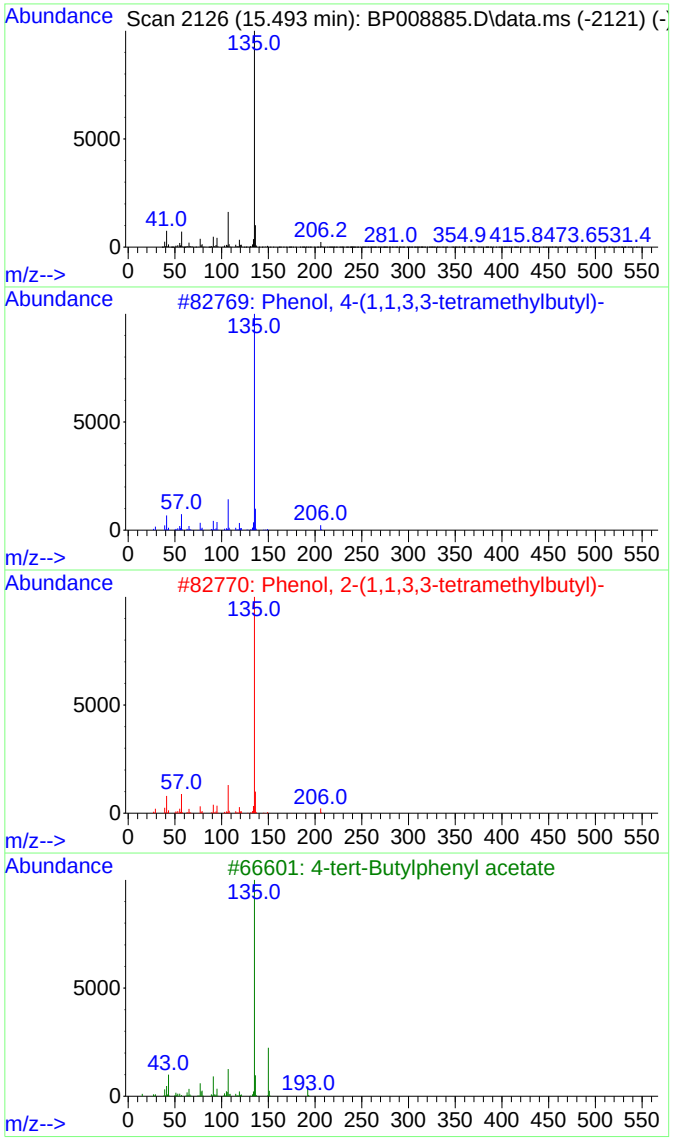
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

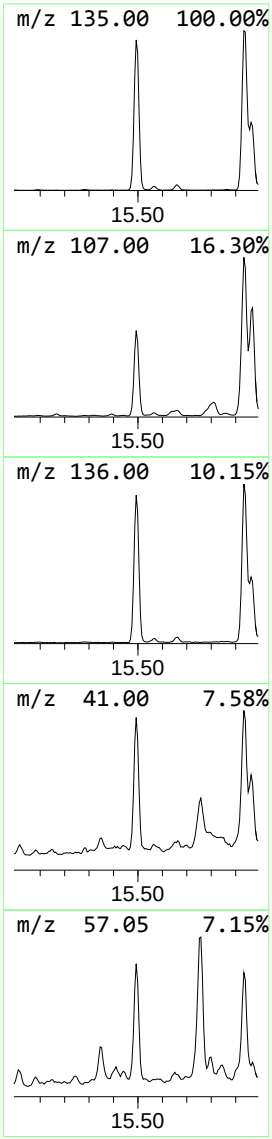
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.493	19.56 ng	2813040	Acenaphthene-d10	14.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	96
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	95
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

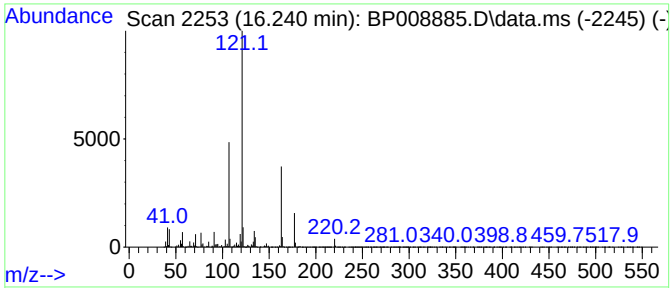
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

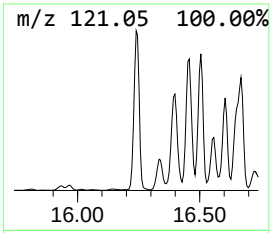
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

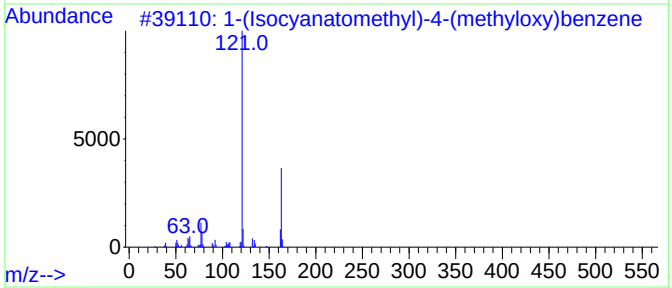
****
Peak Number 2 1-(Isocyanatomethyl)-4-(met... Concentration Rank 10

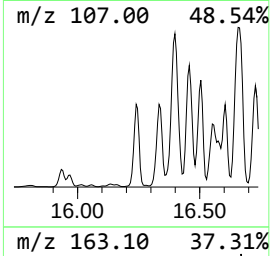
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.240	90.97 ng	16528100	Phenanthrene-d10	17.245

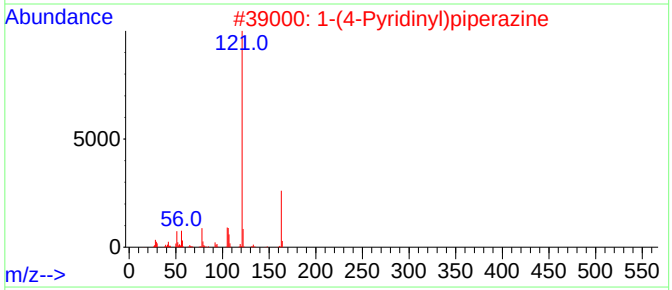
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	50
2	1-(4-Pyridinyl)piperazine	163	C9H13N3	001008-91-9	50
3	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	47
4	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
5	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	46

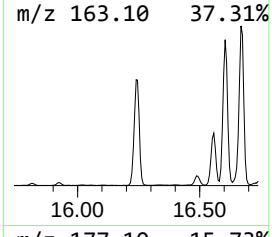


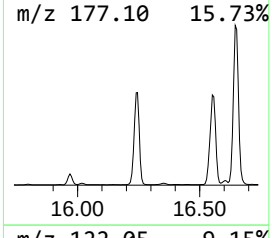


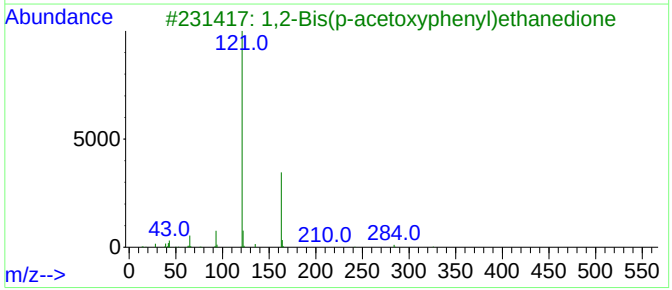


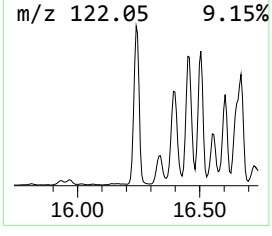












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

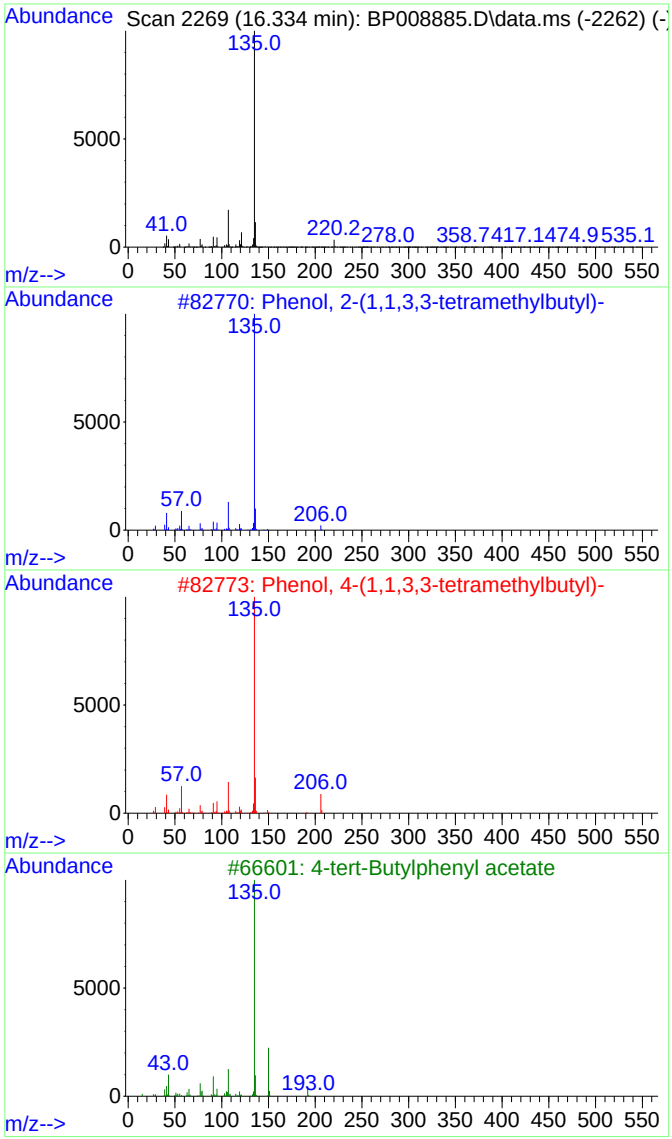
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

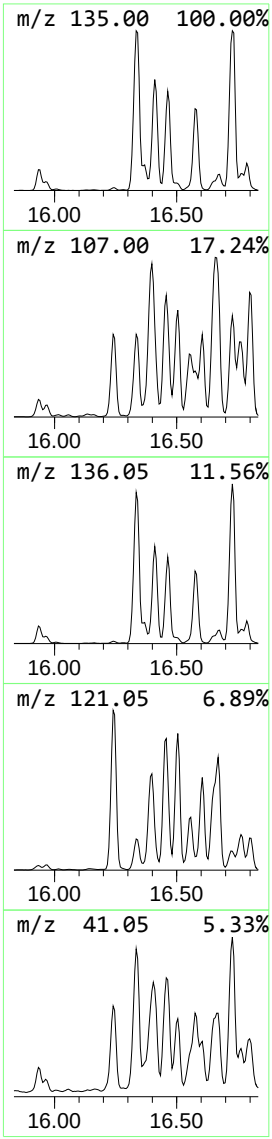
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	155.05 ng	28170400	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	87
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	83
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

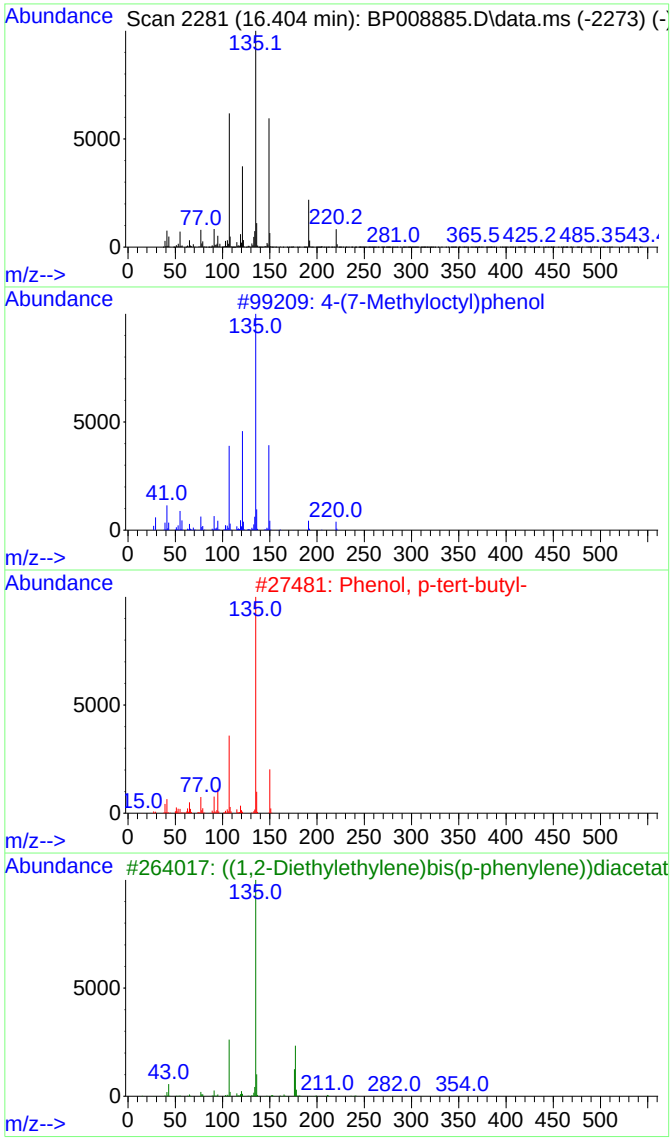
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

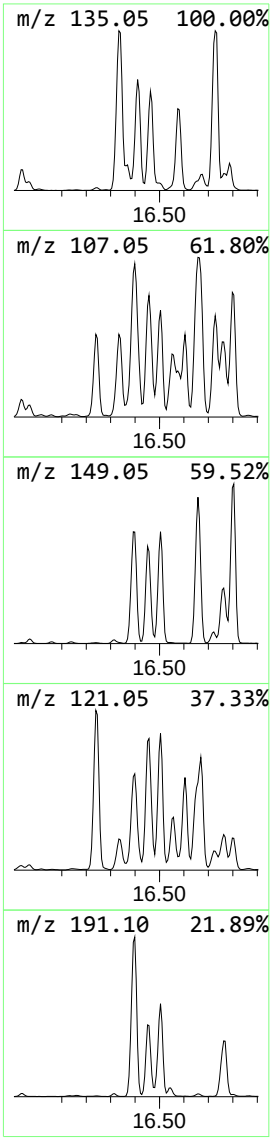
****

Peak Number 4 4-(7-Methyloctyl)phenol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	220.88 ng	40130700	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	70
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
4	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	50
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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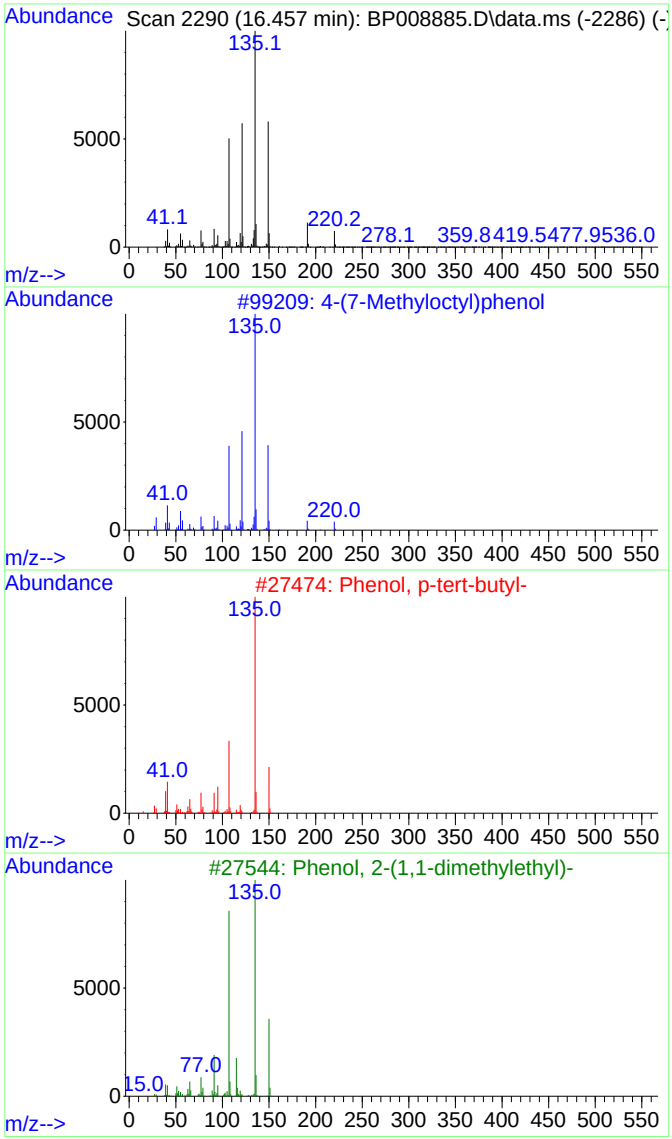
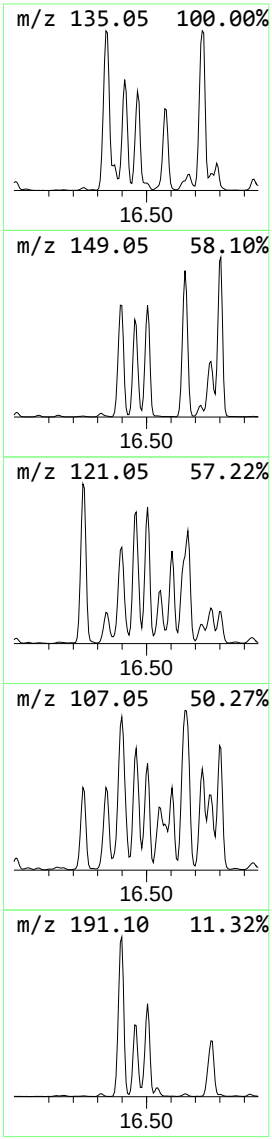
Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.457	164.62 ng	29907900	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
4	meso-Hexestrol, O,O'-bis(n-propy...	442	C26H34O6	1000487-65-0	50
5	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	50





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Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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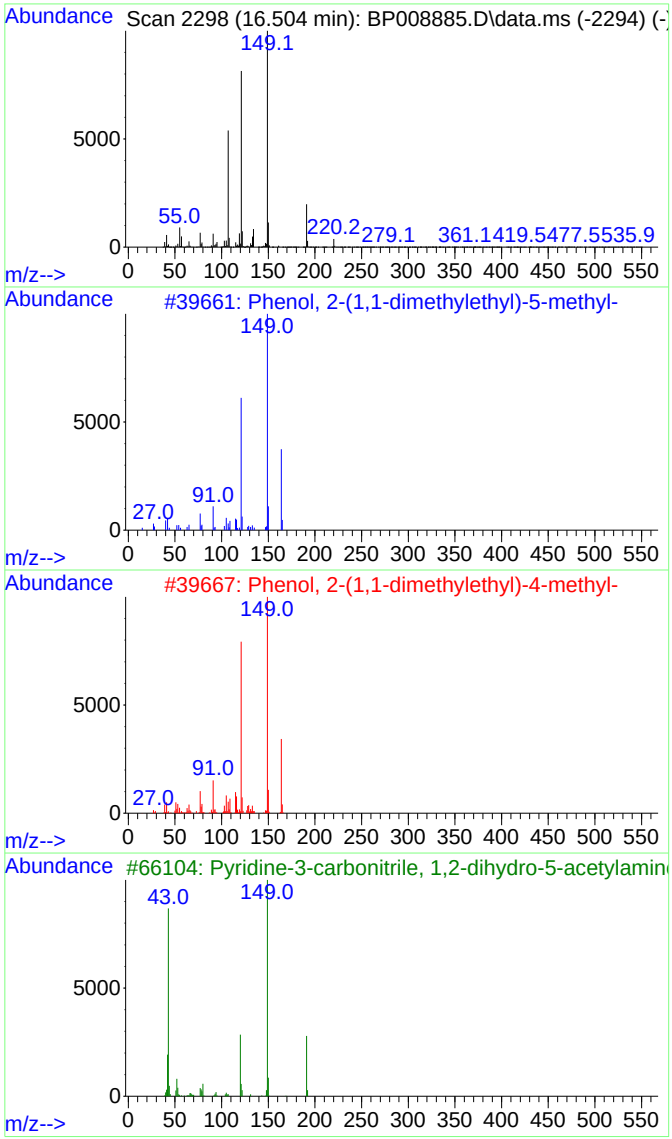
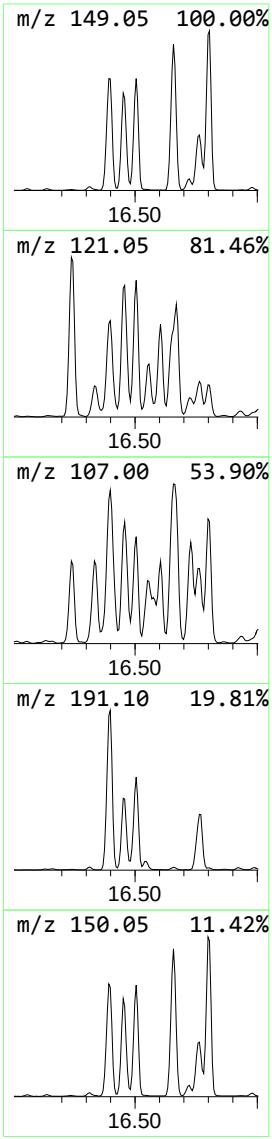
Peak Number 6 Phenol, 2-(1,1-dimethylethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.504	103.41 ng	18788200	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	53
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	42
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
4	Phthalic acid, 2-methylpent-3-yl...	292	C17H24O4	1000356-90-6	35
5	Phthalic acid, 1-cyclopentylethy...	304	C18H24O4	1000309-88-3	35





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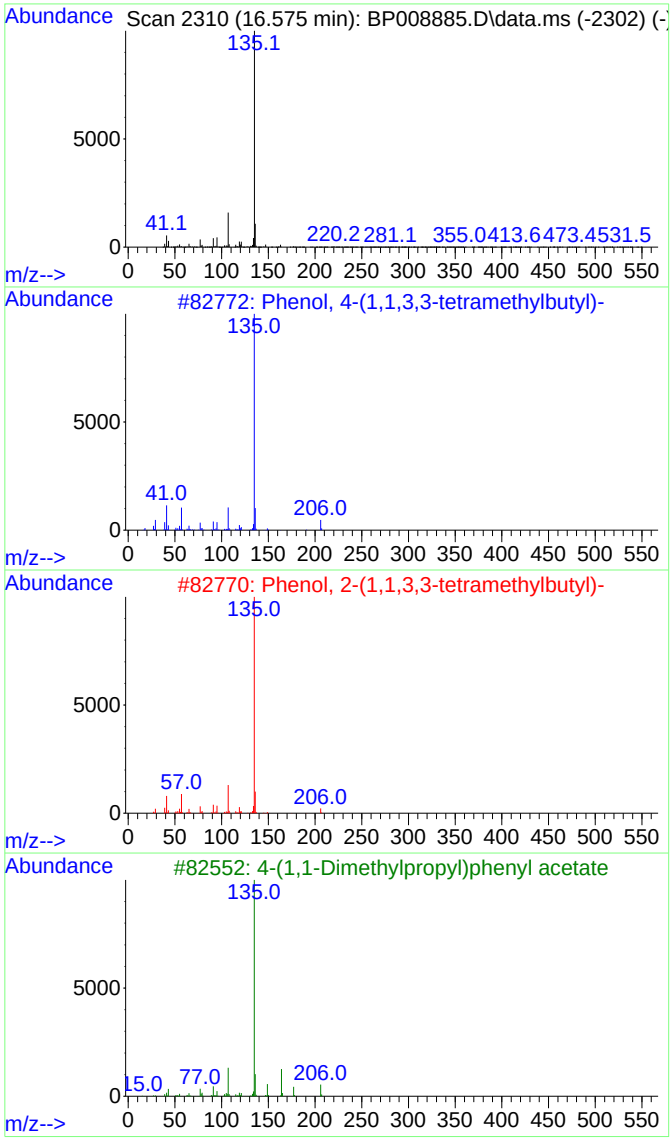
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

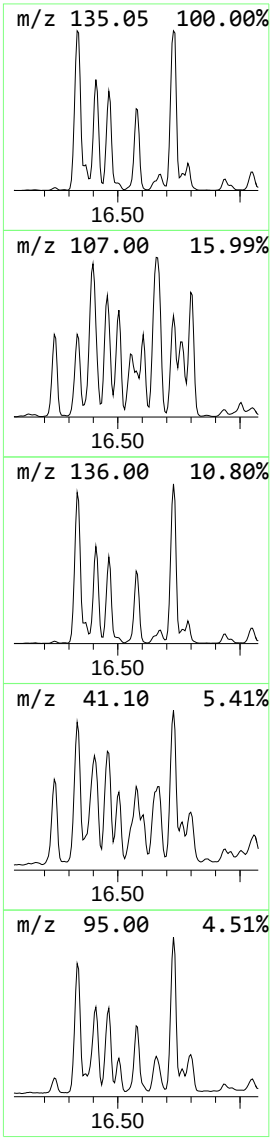
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.575	116.37 ng	21142400	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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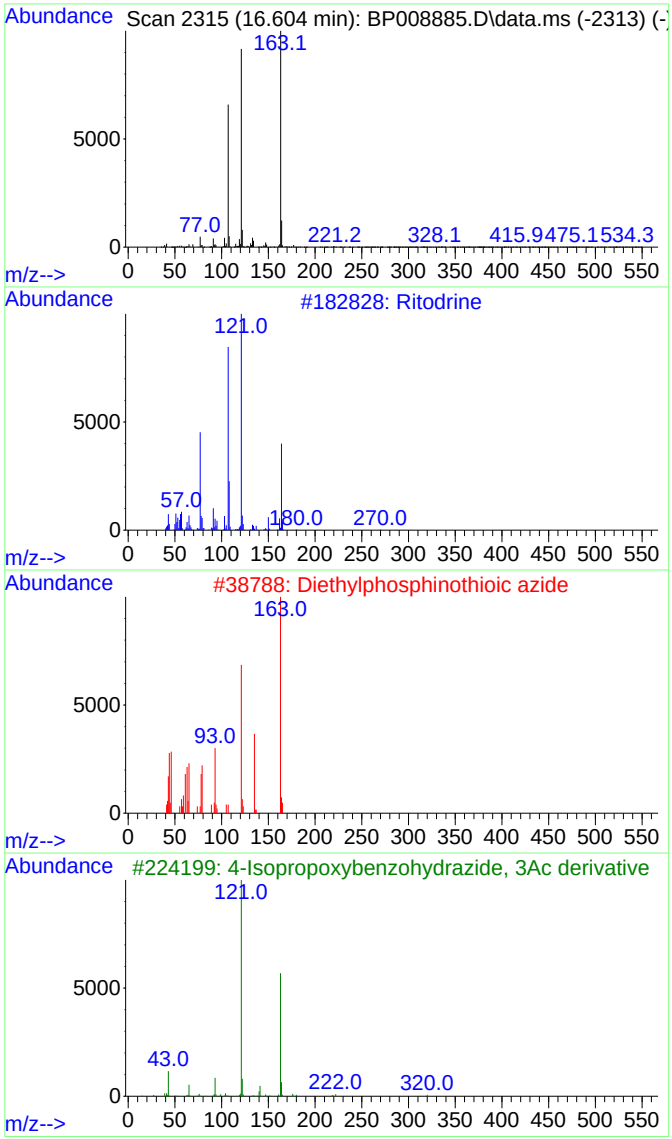
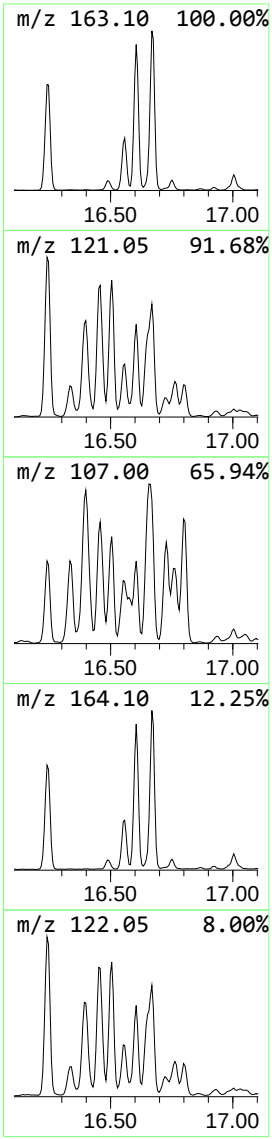
Peak Number 8 unknown16.604 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	49.11 ng	8922390	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ritodrine	287	C17H21NO3	026652-09-5	47
2	Diethylphosphinothioic azide	163	C4H10N3PS	058347-14-1	45
3	4-Isopropoxybenzohydrazide, 3Ac ...	320	C16H20N2O5	1000486-70-2	42
4	4-sec-Butylphenol, O-(n-propylox...	236	C14H20O3	1000487-26-7	25
5	[(4-Methoxybenzyl)sulfanyl]aceti...	212	C10H12O3S	034722-37-7	22





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Instrument :
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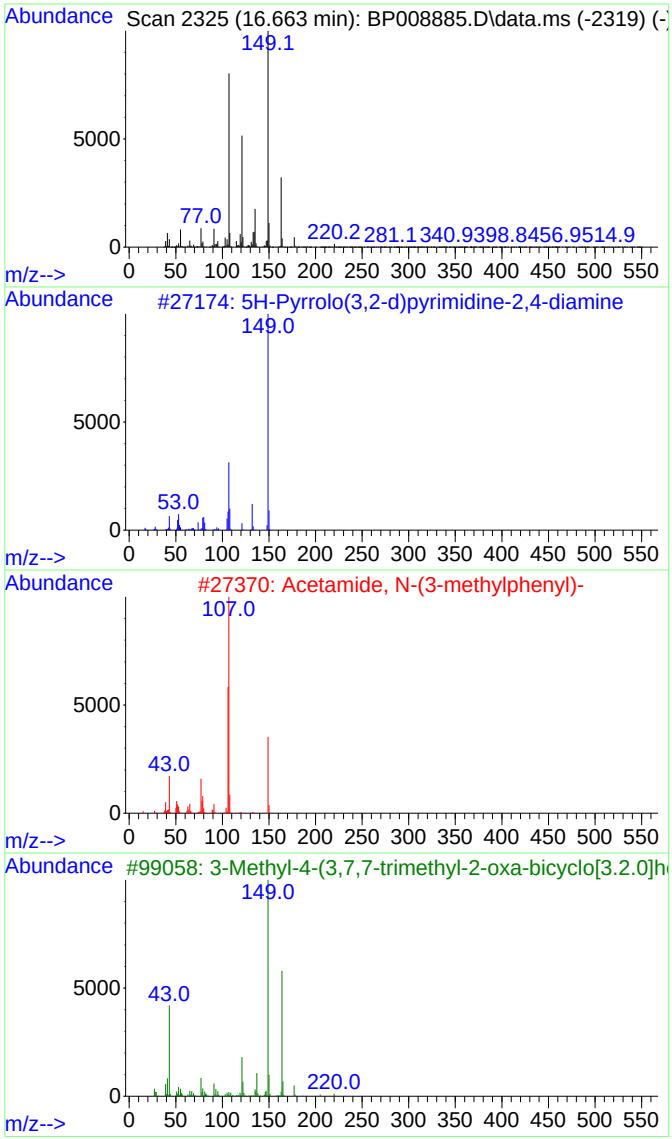
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

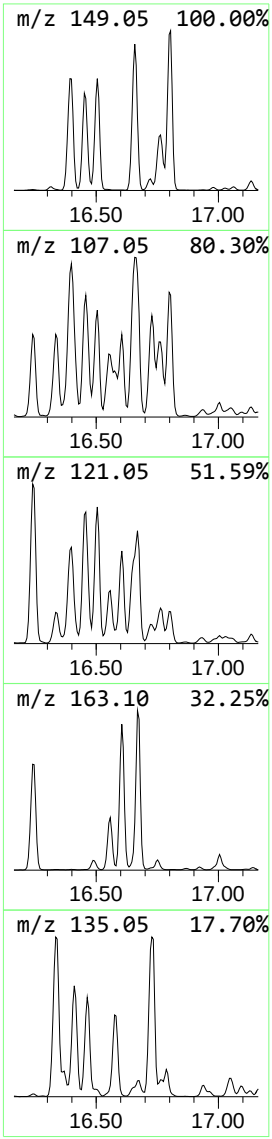
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	186.12 ng	33815700	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	3-Methyl-4-(3,7,7-trimethyl-2-ox...	220	C14H20O2	1000189-10-9	43
4	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	42
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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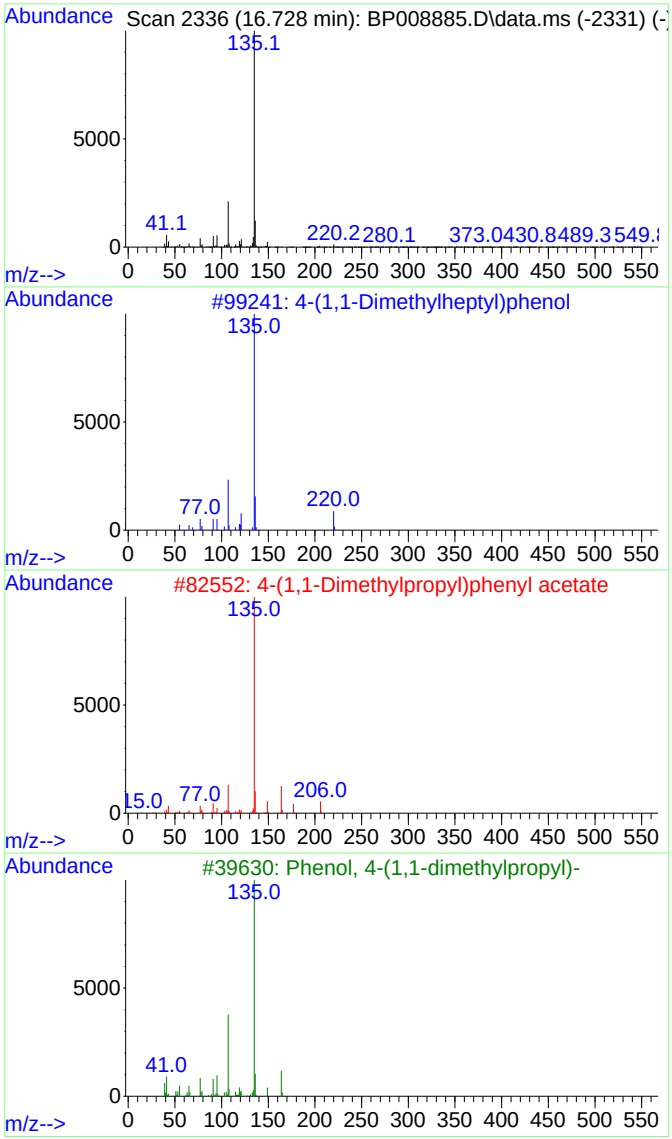
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

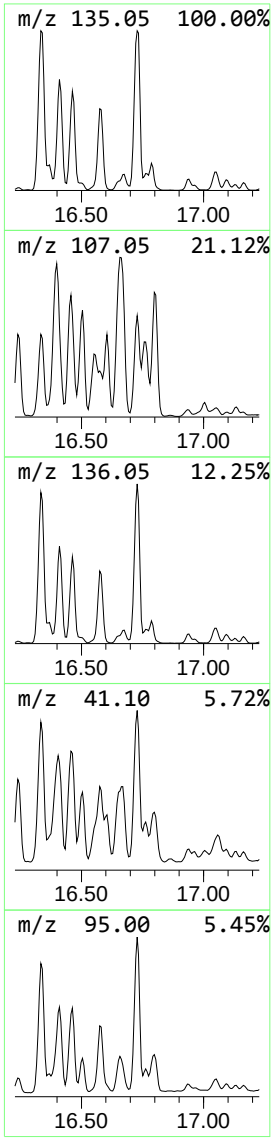
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-(1,1-Dimethylheptyl)phenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	157.18 ng	28557900	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylheptyl)phenol	220	C15H24O	1000384-80-3	87
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Hexestrol	270	C18H22O2	000084-16-2	72
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	72





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Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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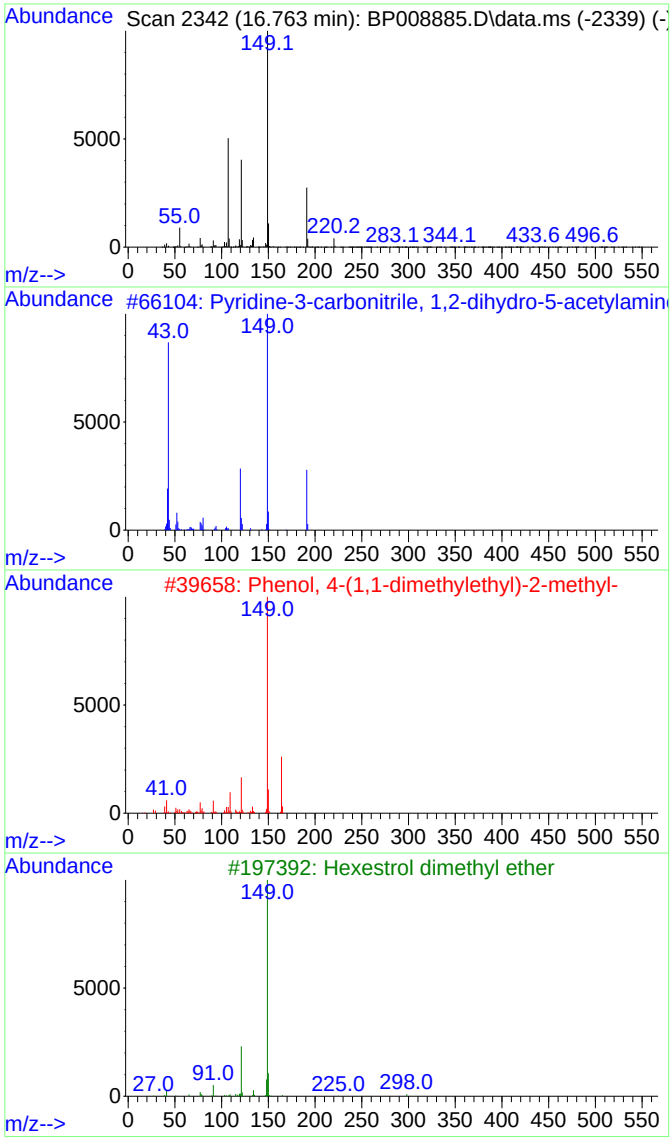
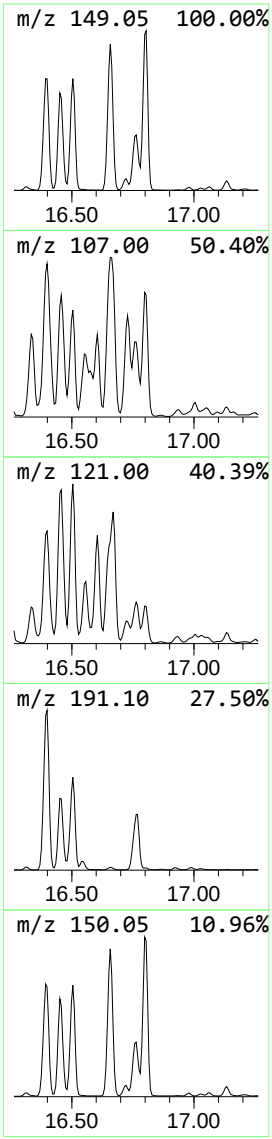
Peak Number 11 unknown16.763 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	66.45 ng	12072500	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	47
2	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
3	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	47
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	45
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	43





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Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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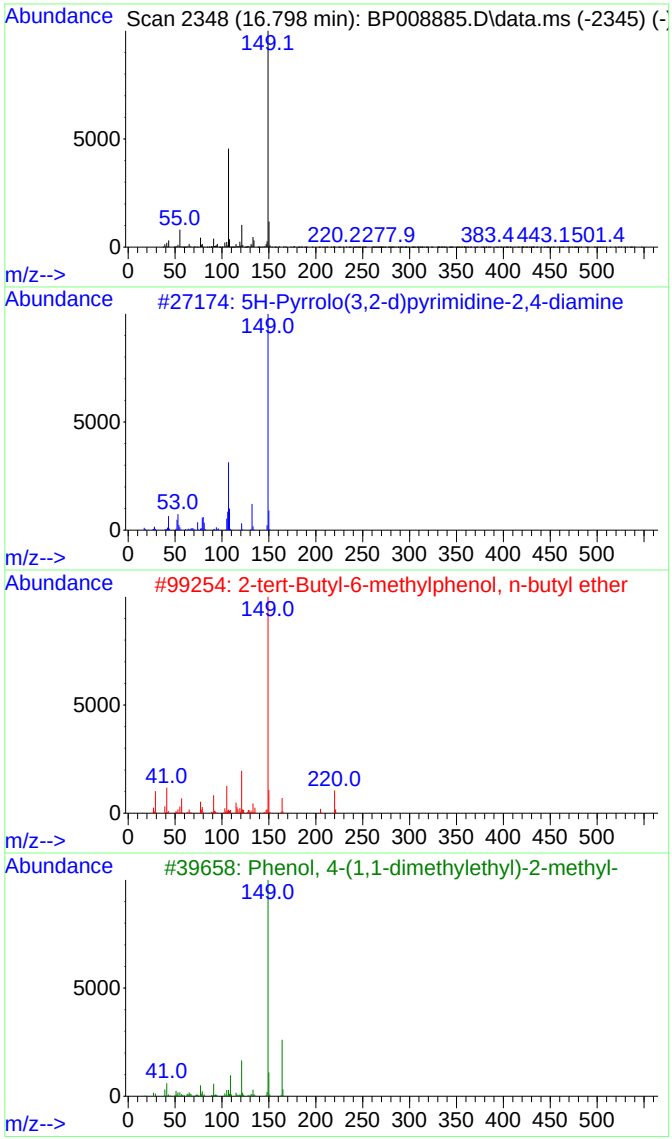
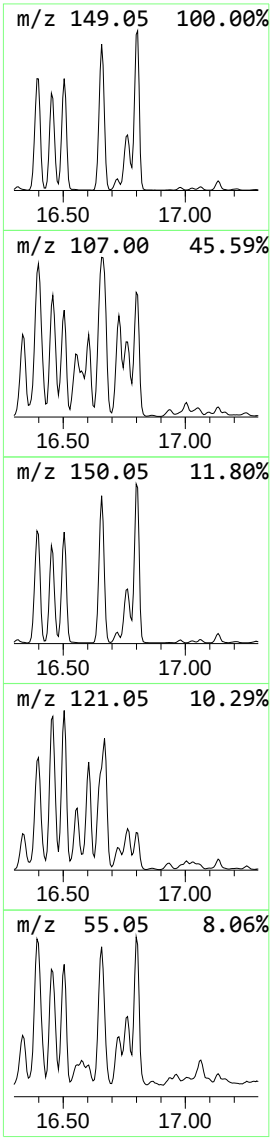
Peak Number 12 unknown16.798 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	98.26 ng	17852800	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	78
2	2-tert-Butyl-6-methylphenol, n-b...	220	C15H24O	1000395-19-1	40
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
4	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	40
5	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	40





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

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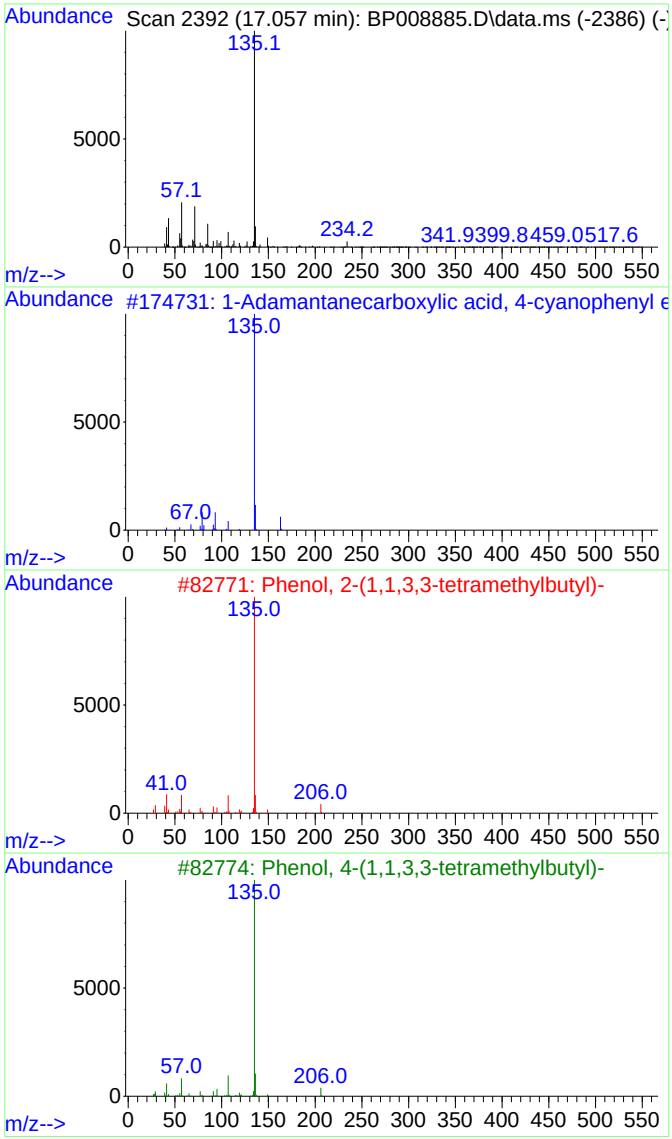
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

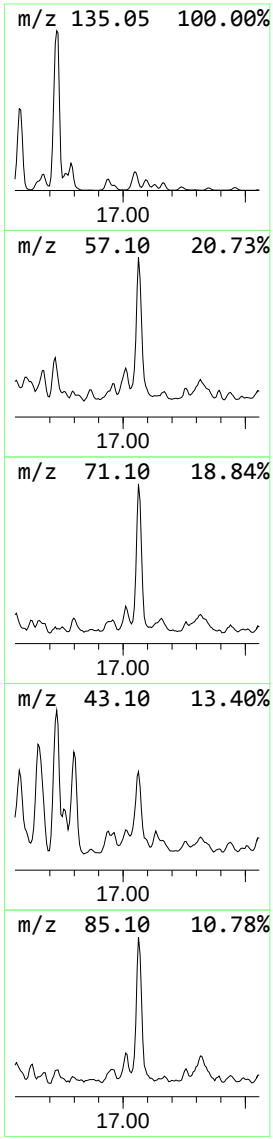
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Adamantanecarboxylic acid... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	28.10 ng	5104610	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanecarboxylic acid, 4-c...	281	C18H19NO2	1010307-66-3	53
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	53
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	53
4	Benzoic acid, 4-methoxy-, 4-(tra...	380	C25H32O3	1229648-08-1	53
5	2-(1-Adamantyl)-N-hydroxyacetamide	209	C12H19NO2	136561-40-5	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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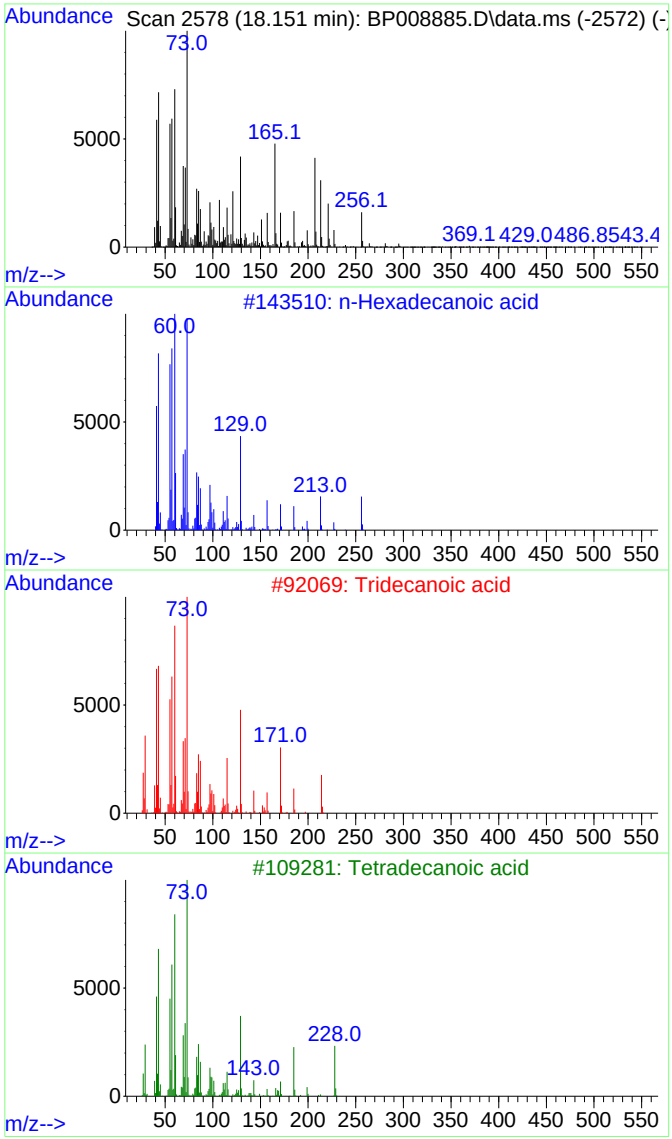
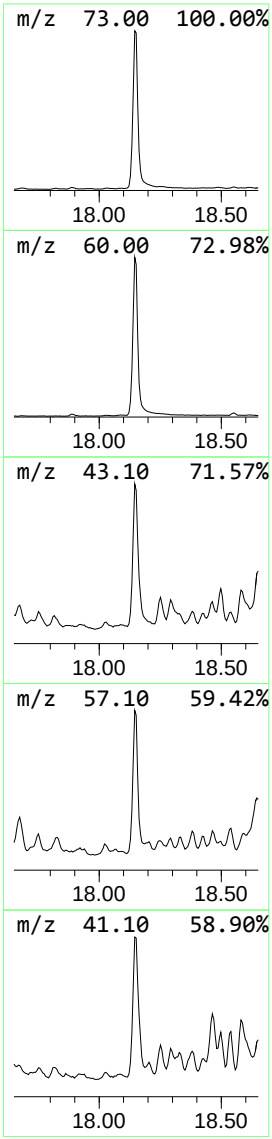
Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	44.37 ng	8061020	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Octadecanoic acid	284	C18H36O2	000057-11-4	46





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ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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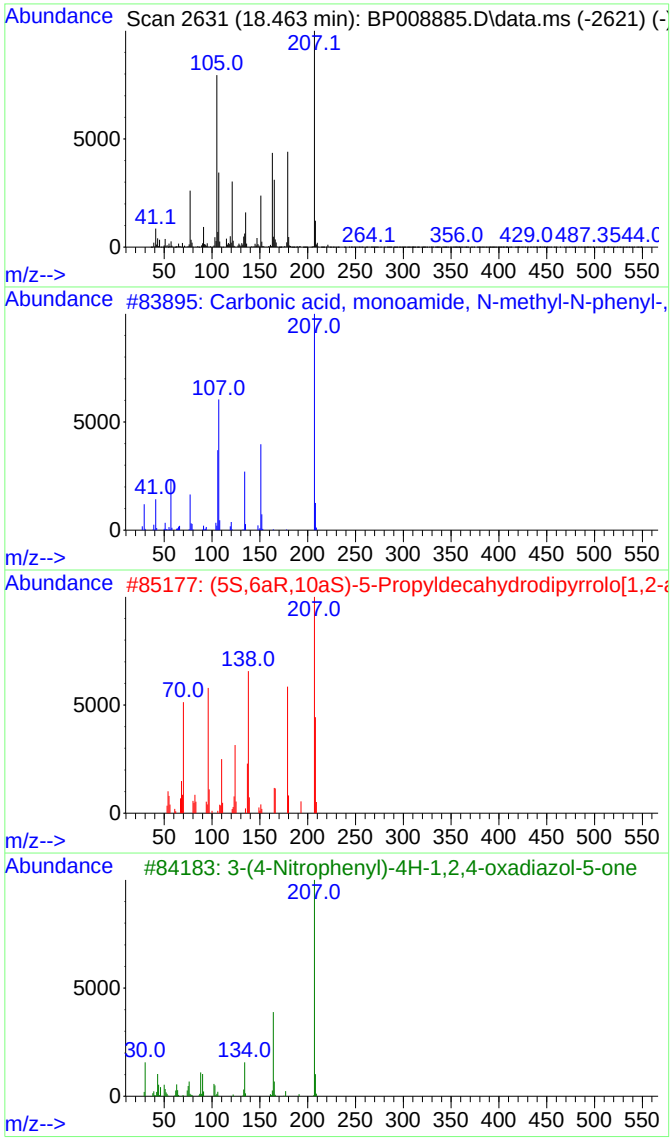
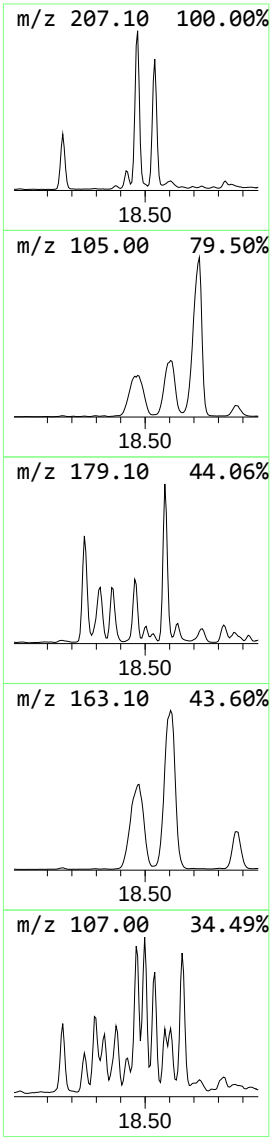
Peak Number 15 unknown18.463 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	62.10 ng	11282000	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, monoamide, N-meth...	207	C12H17NO2	1000339-98-1	38
2	(5S,6aR,10aS)-5-Propyldecahydrod...	208	C13H24N2	172139-30-9	25
3	3-(4-Nitrophenyl)-4H-1,2,4-oxadi...	207	C8H5N3O4	019932-97-9	22
4	Acetamide, N-[4-(trimethylsilyl)...	207	C11H17NOSi	017983-71-0	22
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	22





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

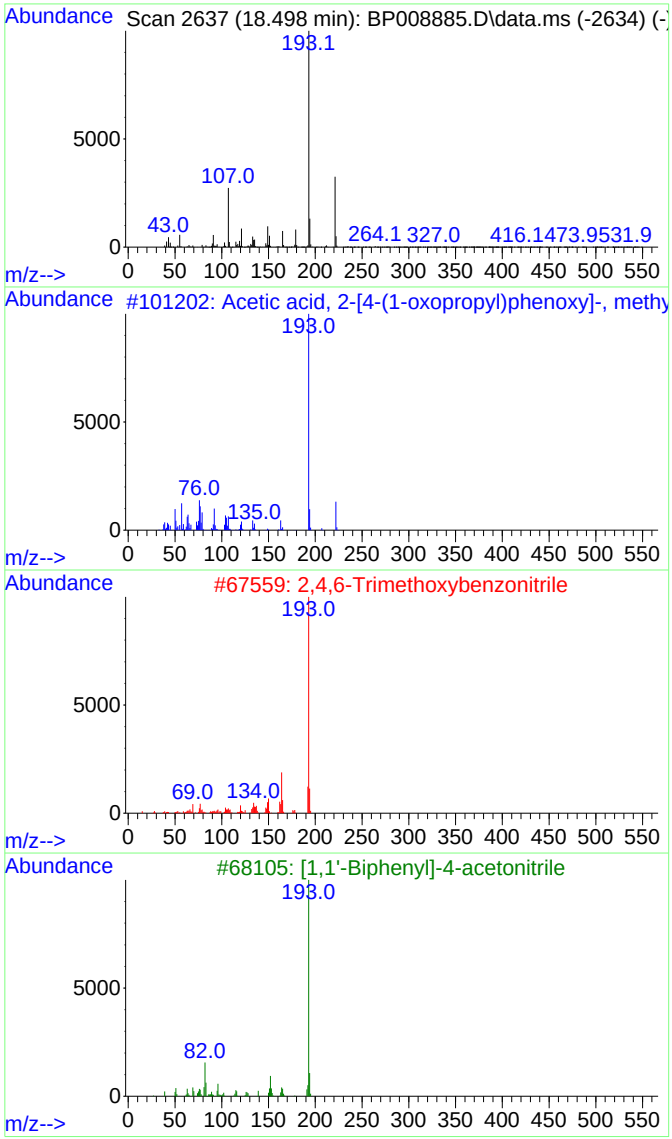
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

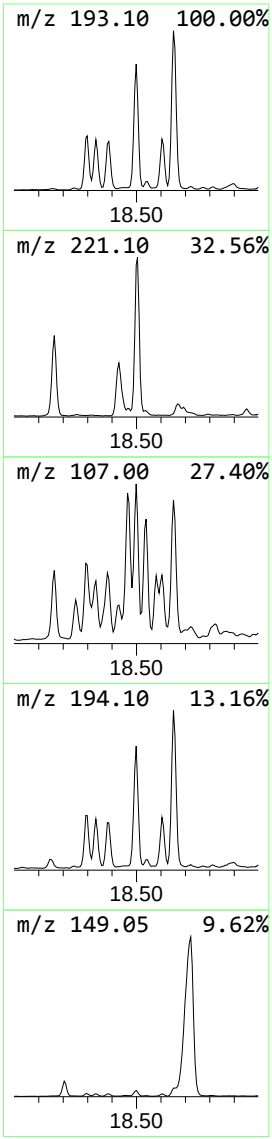
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Acetic acid, 2-[4-(1-oxopro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	26.90 ng	4886420	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[4-(1-oxopropyl)p...	222	C12H14O4	1000349-98-2	50
2	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	49
3	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	47
4	2-Amino-6-methyl-5H-pyrrolo[3,4-...	193	C8H7N3O3	1000300-48-5	47
5	2'-Hydroxybutyrophenone, TMS der...	236	C13H20O2Si	033342-90-4	45





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Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

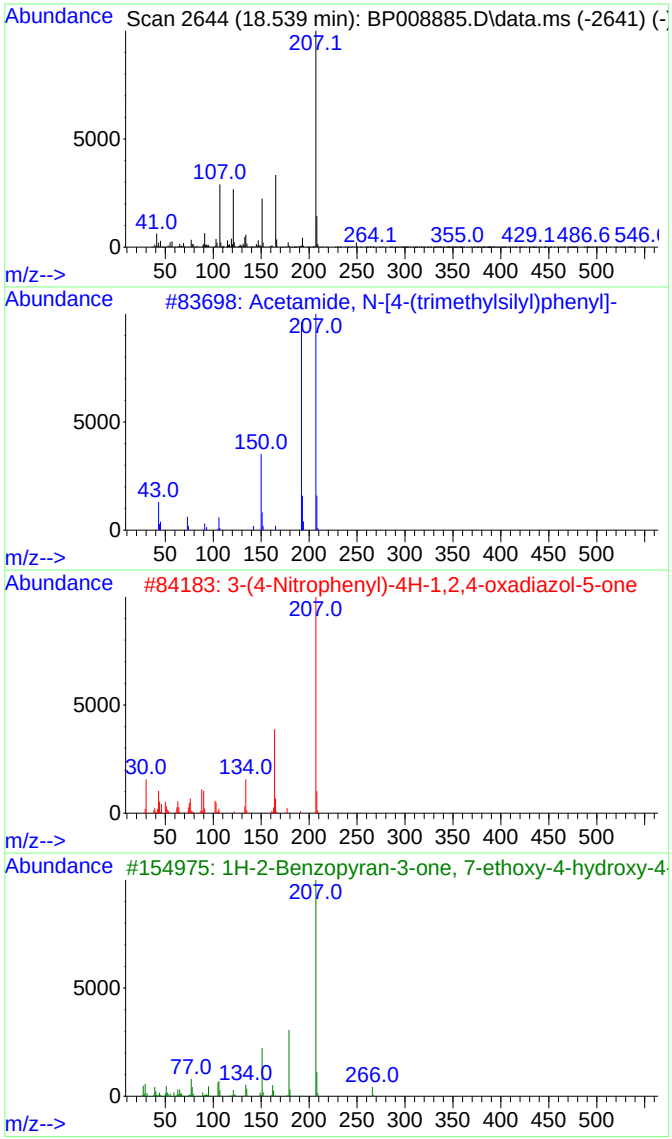
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

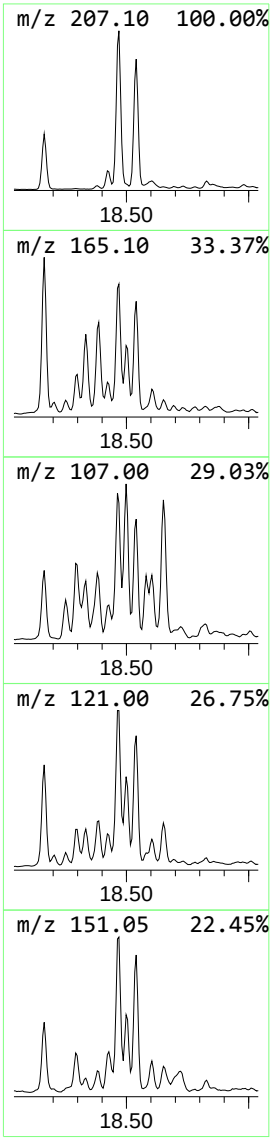
****

Peak Number 17 unknown18.540 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	16.57 ng	3010080	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-[4-(trimethylsilyl)...	207	C11H17NOSi	017983-71-0	43
2	3-(4-Nitrophenyl)-4H-1,2,4-oxadi...	207	C8H5N3O4	019932-97-9	43
3	1H-2-Benzopyran-3-one, 7-ethoxy-...	266	C13H14O6	1000158-14-3	40
4	4-Fluoro-3-(methoxymethyl)-1-ben...	240	C11H9FO3S	854357-47-4	39
5	2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	38





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Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

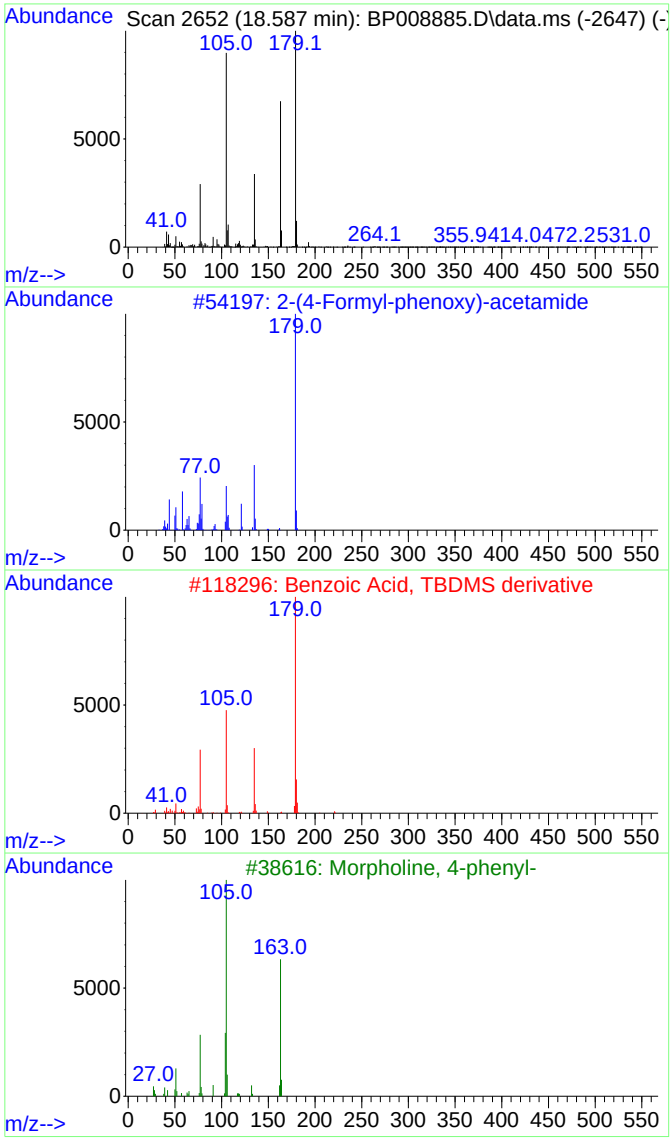
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

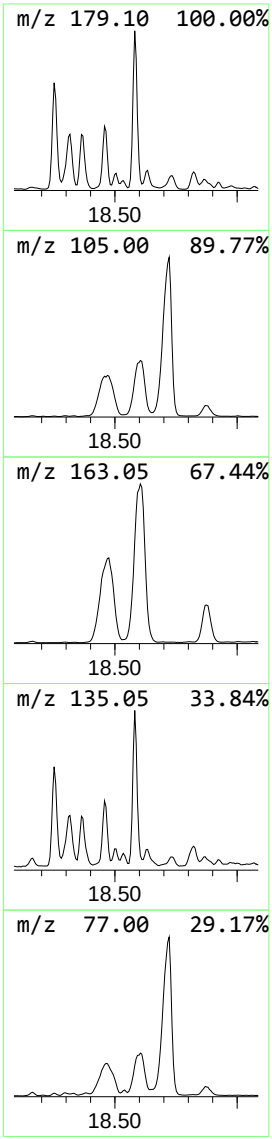
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.587	37.39 ng	6792510	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	58
2	Benzoic Acid, TBDMS derivative	236	C13H20O2Si	075732-41-1	53
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	38
4	Benzoic acid, 2,4-dimethoxy-6-me...	360	C19H20O7	913691-43-7	35
5	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

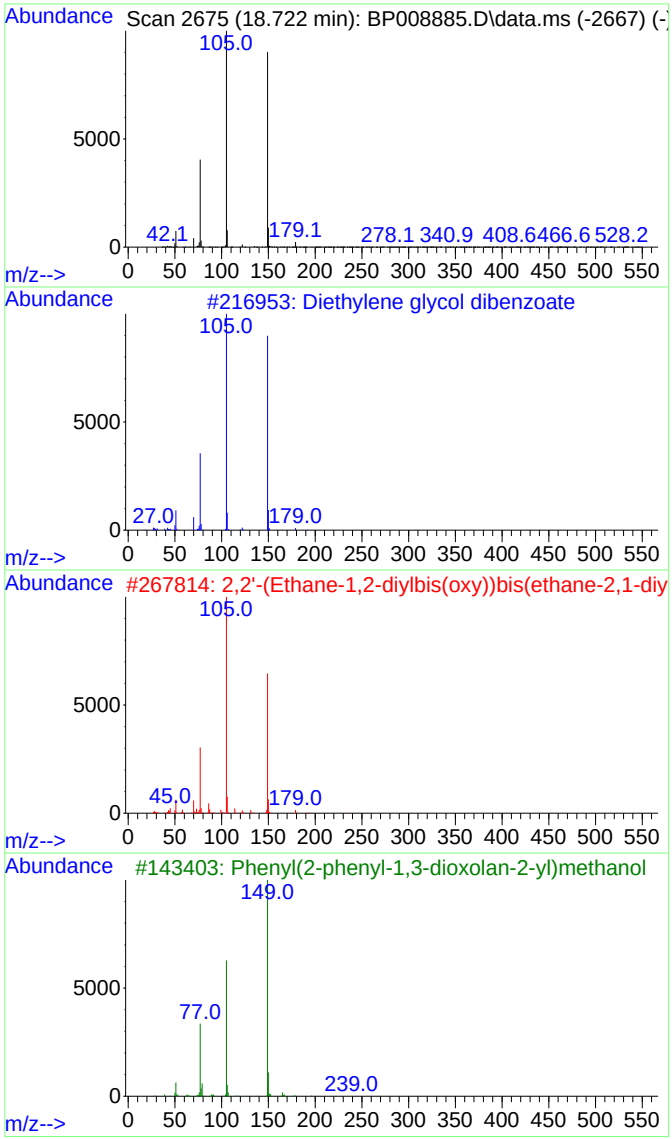
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

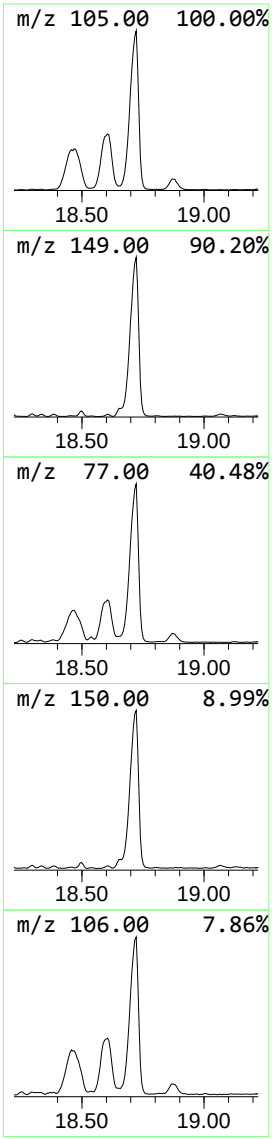
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Diethylene glycol dibenzoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	117.84 ng	21409400	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	78
4	2,5,8,11-Tetraoxatridecan-13-yl ...	312	C16H24O6	1000366-96-7	78
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

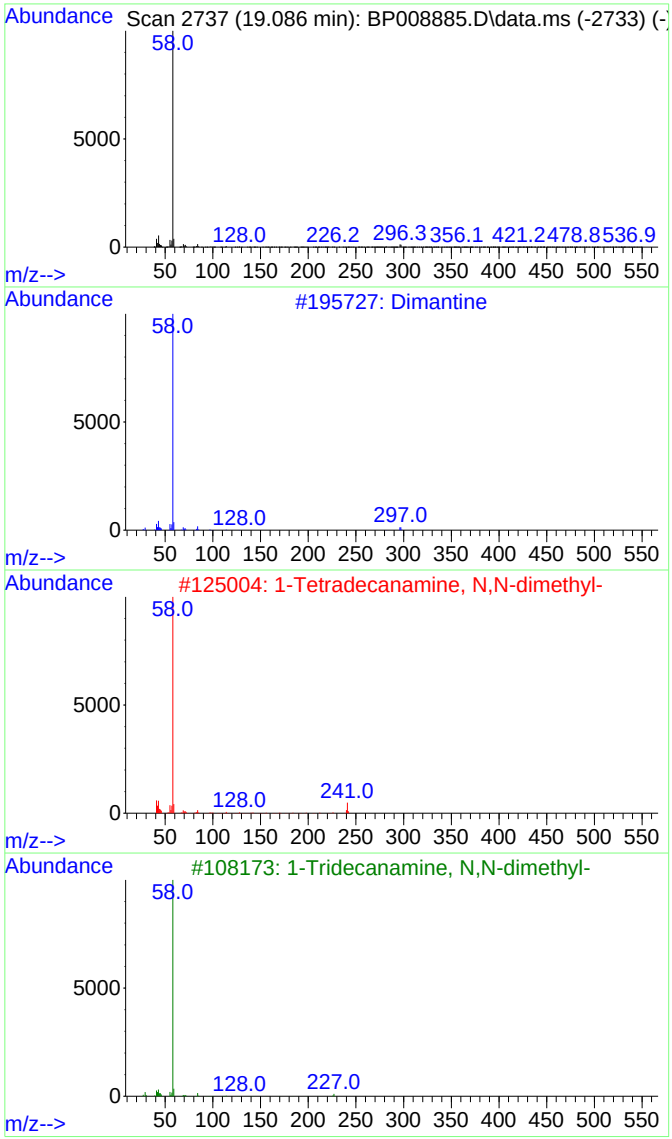
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

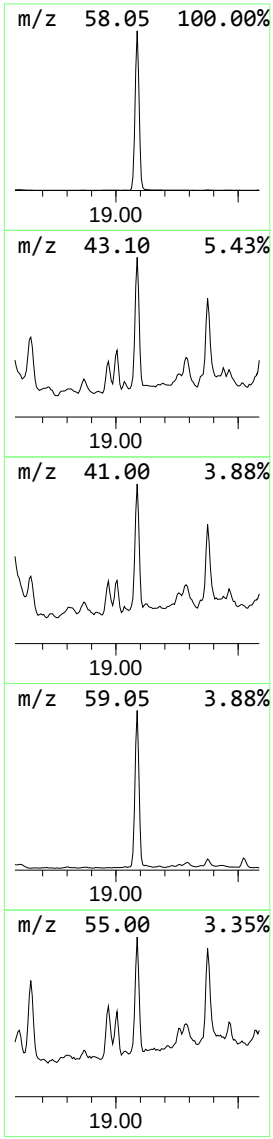
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dimantine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.087	32.25 ng	5859750	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimantine	297	C20H43N	000124-28-7	94
2	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	80
3	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	80
4	Dimethyl palmitamine	269	C18H39N	000112-69-6	72
5	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008885.D
Acq On : 24 Jan 2022 14:14
Operator : CG/JU
Sample : N1218-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 4-(1,1,...	15.493	19.6	ng	2813040	3	14.487	2876690	20.0
1-(Isocyanatome...	16.240	91.0	ng	16528100	4	17.245	3633680	20.0
Phenol, 2-(1,1,...	16.334	155.1	ng	28170400	4	17.245	3633680	20.0
4-(7-Methylocty...	16.404	220.9	ng	40130700	4	17.245	3633680	20.0
Phenol, p-tert-...	16.457	164.6	ng	29907900	4	17.245	3633680	20.0
Phenol, 2-(1,1-...	16.504	103.4	ng	18788200	4	17.245	3633680	20.0
4-(1,1-Dimethyl...	16.575	116.4	ng	21142400	4	17.245	3633680	20.0
unknown16.604	16.604	49.1	ng	8922390	4	17.245	3633680	20.0
5H-Pyrrolo(3,2-...	16.663	186.1	ng	33815700	4	17.245	3633680	20.0
4-(1,1-Dimethyl...	16.728	157.2	ng	28557900	4	17.245	3633680	20.0
unknown16.763	16.763	66.5	ng	12072500	4	17.245	3633680	20.0
unknown16.798	16.798	98.3	ng	17852800	4	17.245	3633680	20.0
1-Adamantanecar...	17.057	28.1	ng	5104610	4	17.245	3633680	20.0
n-Hexadecanoic ...	18.151	44.4	ng	8061020	4	17.245	3633680	20.0
unknown18.463	18.463	62.1	ng	11282000	4	17.245	3633680	20.0
Acetic acid, 2-...	18.498	26.9	ng	4886420	4	17.245	3633680	20.0
unknown18.540	18.540	16.6	ng	3010080	4	17.245	3633680	20.0
2-(4-Formyl-phe...	18.587	37.4	ng	6792510	4	17.245	3633680	20.0
Diethylene glyc...	18.722	117.8	ng	21409400	4	17.245	3633680	20.0
Dimantine	19.087	32.3	ng	5859750	4	17.245	3633680	20.0