LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005719.D
Acq On : 04 Jun 2021 19:25
Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FOUNDATION-EXCAVATION-SAMP

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.134	170	178	188	rVB	681281	1139891	3.55%	0.460%
2	4.322	202	210	213	rBV2	340139	592564	1.85%	0.239%
3	4.899	299	308	313	rBV	413297	649280	2.02%	0.262%
4	5.111	340	344	348	rVB	439245	624268	1.95%	0.252%
5	5.163	348	353	359	rBV	967895	1519451	4.74%	0.613%
6	5.322	376	380	385	rVB	516971	699587	2.18%	0.282%
7	5.405	389	394	399	rVV3	701591	1270854	3.96%	0.513%
8	5.546	411	418	424	rBV2	1387200	2202176	6.86%	0.889%
9	5.611	424	429	437	rBV	1749244	3473859	10.83%	1.402%
10	5.775	448	457	463	rBV2	366985	644116	2.01%	0.260%
11	5.846	463	469	473	rBV3	414111	764791	2.38%	0.309%
12	5.928	478	483	487	rVV2	915688	1503975	4.69%	0.607%
13	5.987	487	493	502	rVB3	2976807	4867720	15.17%	1.964%
14	6.069	502	507	516	rVB	407403	639045	1.99%	0.258%
15	6.252	529	538	545	rBV5	1079348	2543411	7.93%	1.026%
16	6.369	551	558	564	rVB3	393356	836721	2.61%	0.338%
17	6.487	569	578	582	rBV4	902483	2490347	7.76%	1.005%
18	6.534	582	586	590	rBV	1298237	1703088	5.31%	0.687%
19	6.616	590	600	603	rBV4	1423420	3113429	9.70%	1.256%
20	6.663	603	608	614	rVB3	2726180	5010794	15.62%	2.022%
21	6.734	615	620	625	rVB2	354953	582610	1.82%	0.235%
22	6.799	625	631	637	rBV3	384857	677118	2.11%	0.273%
23	6.875	637	644	650	rVB3	617700	1363833	4.25%	0.550%
24	6.969	650	660	665	rBV4	1264037	2718487	8.47%	1.097%
25	7.028	665	670	673	rBV2	498849	636885	1.98%	0.257%
26	7.069	673	677	681	rBV2	691894	931767	2.90%	0.376%
27	7.140	681	689	695	rBV5	1886892	4776429	14.89%	1.928%
28	7.205	695	700	705	rVB	562256	882902	2.75%	0.356%
29	7.310	713	718	723	rVB4	374000	735500	2.29%	0.297%
30	7.369	723	728	730	rBV3	750147	1210476	3.77%	0.488%
31	7.405	730	734	741	rVB2	2452356	3751762	11.69%	1.514%
32	7.469	741	745	750	rVB2	870608	1209968	3.77%	0.488%
33	7.610	763	769	771	rBV	2630042	4045165	12.61%	1.632%
34	7.705	781	785	790	rVB4	402573	761122	2.37%	0.307%
35	7.810	797	803	808	rBV4	303293	680547	2.12%	0.275%
36	7.893	811	817	823	rVV5	464982	1447817	4.51%	0.584%

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Instrument : BNA_P
ClientSampleId : FOUNDATION-EXCAVATION-SAMP

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-BP052721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.963	823	829	836	rVV2	2109335	4034591	12.57%	1.628%
38	8.057	836	845	848	rVV3	342457	810357	2.53%	0.327%
39	8.122	848	856	861	rVV2	2510256	4887840	15.23%	1.972%
40	8.175	861	865	867	rVV2	608519	978645	3.05%	0.395%
41	8.210	867	871	876	rVV	2683417	4234679	13.20%	1.709%
42	8.275	878	882	889	rVV	1053399	1803678	5.62%	0.728%
43	8.334	889	892	900	rVB2	327624	613542	1.91%	0.248%
44	8.534	913	926	931	rBV4	671297	2265345	7.06%	0.914%
45	8.628	937	942	949	rBV3	615170	1457234	4.54%	0.588%
46	8.822	971	975	979	rVB	590366	884812	2.76%	0.357%
47	8.987	999	1003	1010	rVB2	310322	629583	1.96%	0.254%
48	9.093	1010	1021	1026	rBV3	1213530	2887469	9.00%	1.165%
49	9.146	1026	1030	1033	rVV	597446	999080	3.11%	0.403%
50	9.216	1033	1042	1047	rVB	1972423	3582258	11.16%	1.446%
51	9.304	1052	1057	1059	rBV2	410675	639601	1.99%	0.258%
52	9.340	1059	1063	1070	rVB5	597190	1310311	4.08%	0.529%
53	9.628	1106	1112	1116	rVV2	352612	764863	2.38%	0.309%
54	9.710	1123	1126	1132	rVB	500039	749648	2.34%	0.303%
55	9.916	1157	1161	1166	rVB2	426950	638658	1.99%	0.258%
56	9.975	1166	1171	1179	rVB5	630801	1196052	3.73%	0.483%
57	10.146	1195	1200	1204	rBV4	351108	655153	2.04%	0.264%
58	10.199	1204	1209	1215	rVV3	502032	1096389	3.42%	0.442%
59	10.369	1235	1238	1252	rVB4	224057	590819	1.84%	0.238%
60	10.498	1253	1260	1268	rBV4	237799	682288	2.13%	0.275%
61	10.763	1299	1305	1314	rVV2	1345481	3711577	11.57%	1.498%
62	10.840	1314	1318	1325	rVV	615614	1289006	4.02%	0.520%
63	10.951	1333	1337	1343	rVB	554451	833385	2.60%	0.336%
64	11.816	1479	1484	1487	rBV	417098	605410	1.89%	0.244%
65	12.204	1545	1550	1561	rVB	674643	1059174	3.30%	0.427%
66	12.440	1581	1590	1598	rVB2	476183	967403	3.01%	0.390%
67	12.657	1622	1627	1636	rVB	346111	608486	1.90%	0.246%
68	13.234	1719	1725	1732	rVB	1558046	2245561	7.00%	0.906%
69	13.434	1754	1759	1765	rVV	451475	673369	2.10%	0.272%
70	14.504	1936	1941	1949	rBV	475825	643696	2.01%	0.260%
71	14.604	1950	1958	1964	rVV	1156288	1757541	5.48%	0.709%
72	16.092	2203	2211	2216	rBV	1294230	1939511	6.04%	0.783%
73	16.310	2244	2248	2265	rVB2	571838	1094291	3.41%	0.442%
74	16.939	2348	2355	2363	rBV3	1403338	2437550	7.60%	0.984%
75	17.351	2420	2425	2429	rBV	1262074	1858973	5.79%	0.750%
76	17.392	2429	2432	2439	rVB	820062	1071904	3.34%	0.433%

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Instrument : BNA_P
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Integration Parameters: rteint.p
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77	18.245	2573	2577	2582	rVV2	1537329	2176809	6.78%	0.878%
78	18.298	2582	2586	2590	rVB	1200352	1452581	4.53%	0.586%
79	18.445	2608	2611	2616	rVB2	765410	1085576	3.38%	0.438%
80	18.610	2634	2639	2645	rBV3	3765721	6012774	18.74%	2.426%
81	18.657	2645	2647	2653	rVB2	517423	675473	2.11%	0.273%
82	18.792	2665	2670	2679	rBV2	2457232	3416613	10.65%	1.379%
83	18.939	2688	2695	2700	rVB	20088351	32086532	100.00%	12.948%
84	19.063	2710	2716	2720	rBV2	1468174	2233735	6.96%	0.901%
85	19.116	2721	2725	2731	rVV	1844917	2315267	7.22%	0.934%
86	19.198	2736	2739	2743	rVB2	460535	576539	1.80%	0.233%
87	19.357	2761	2766	2770	rBV	1929149	3128273	9.75%	1.262%
88	19.416	2770	2776	2780	rVB	20735661	29382839	91.57%	11.857%
89	19.469	2781	2785	2787	rBV	777528	990918	3.09%	0.400%
90	19.710	2822	2826	2833	rVB	1125194	1949130	6.07%	0.787%
91	19.857	2848	2851	2853	rBV3	525293	705803	2.20%	0.285%
92	19.892	2853	2857	2862	rVB	3211304	4343134	13.54%	1.753%
93	20.045	2880	2883	2885	rBV3	555595	688274	2.15%	0.278%
94	20.110	2889	2894	2899	rVB	6324148	8226277	25.64%	3.320%
95	20.316	2926	2929	2933	rVB	4177889	4473162	13.94%	1.805%
96	20.616	2977	2980	2984	rVB2	943385	1292243	4.03%	0.521%
97	20.757	3000	3004	3007	rBV2	1365918	1694813	5.28%	0.684%
98	21.157	3062	3072	3077	rVB3	4353693	9432129	29.40%	3.806%
99	21.751	3170	3173	3178	rVB2	2450299	2951406	9.20%	1.191%
100	22.233	3252	3255	3263	rVB2	1766965	2620240	8.17%	1.057%

Sum of corrected areas: 247802027

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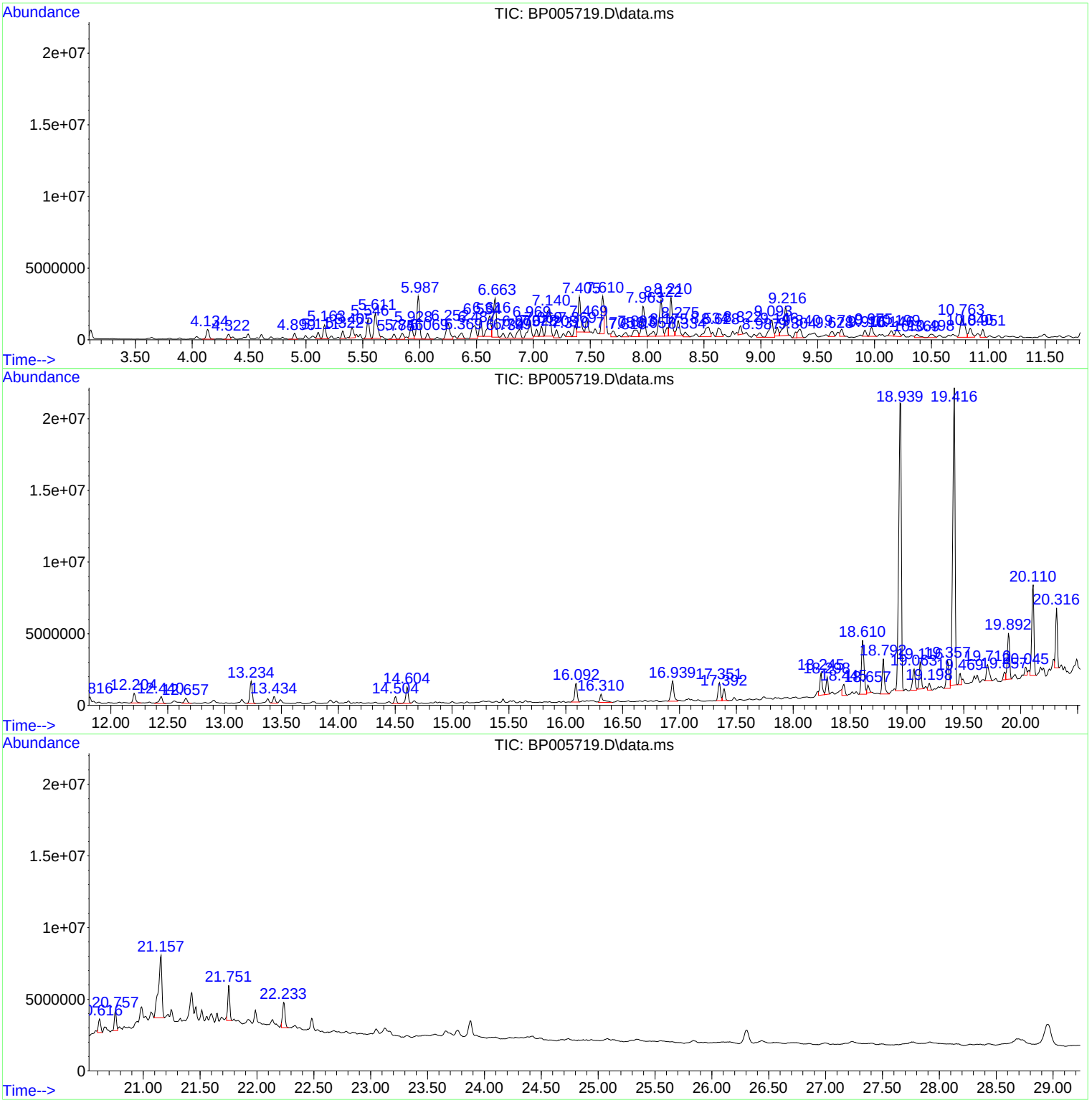
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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Instrument :
BNA_P
ClientSampleId :
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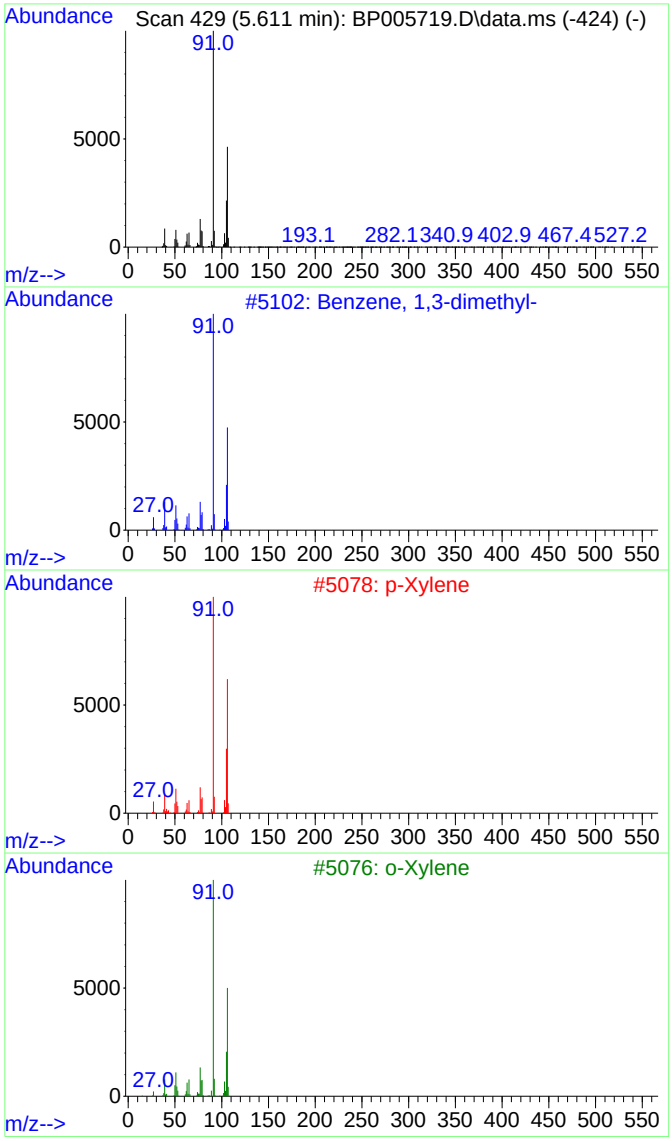
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

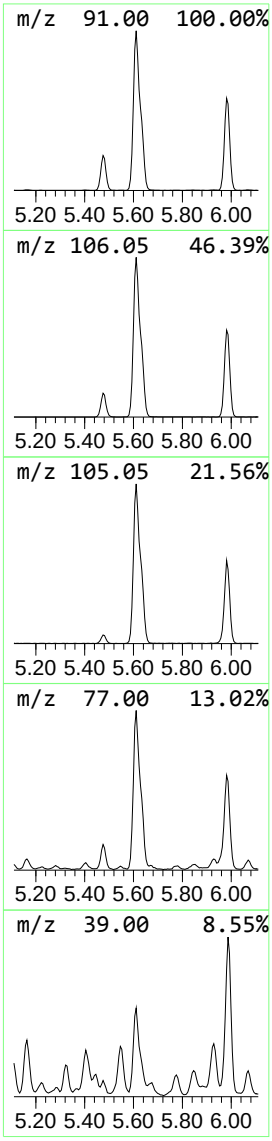
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.611	17.22 ng	3473860	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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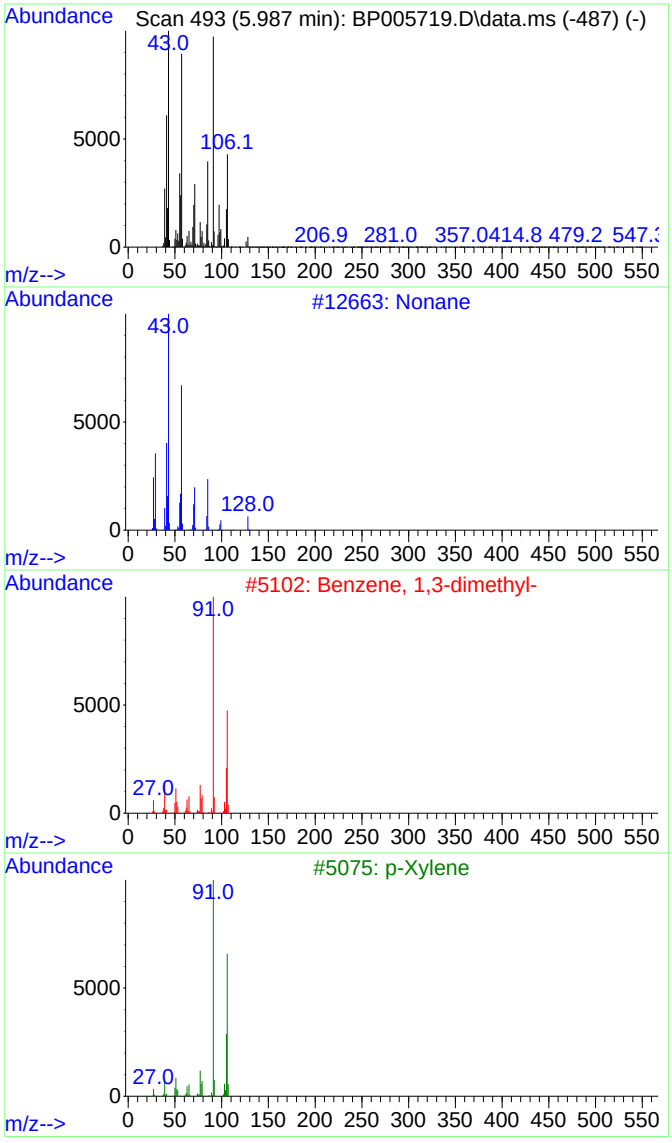
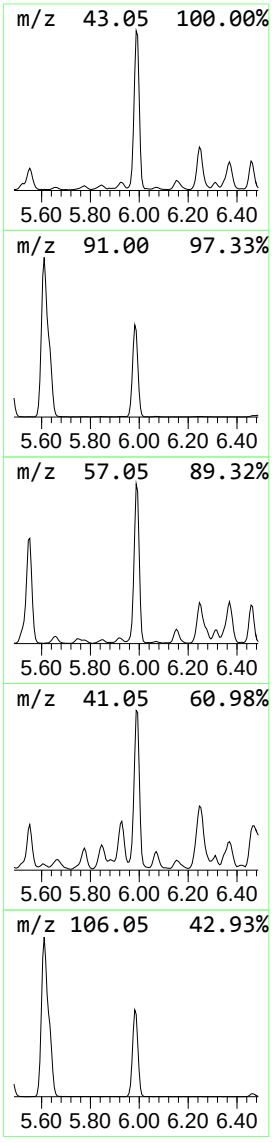
****

Peak Number 2 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.987	24.13 ng	4867720	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	60
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	56
3	p-Xylene	106	C8H10	000106-42-3	53
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	35
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35





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Instrument : BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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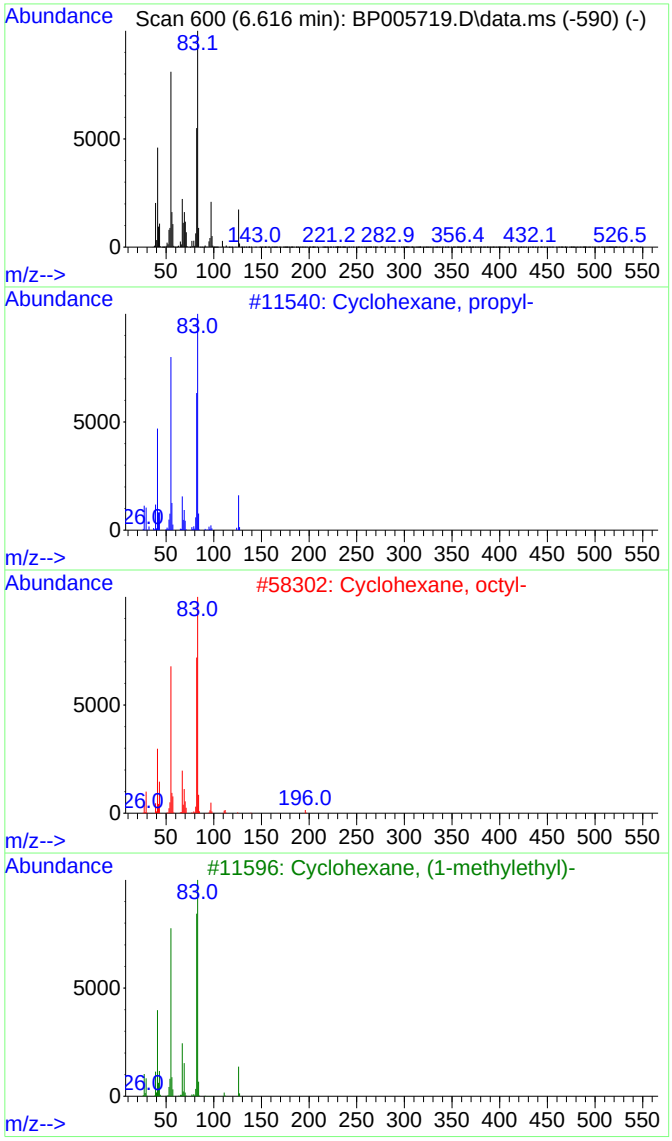
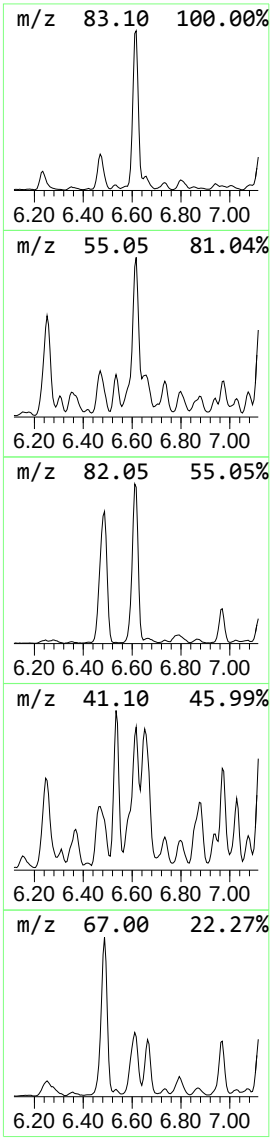
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	15.43 ng	3113430	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	50
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	47





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Instrument :
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ClientSampleId :
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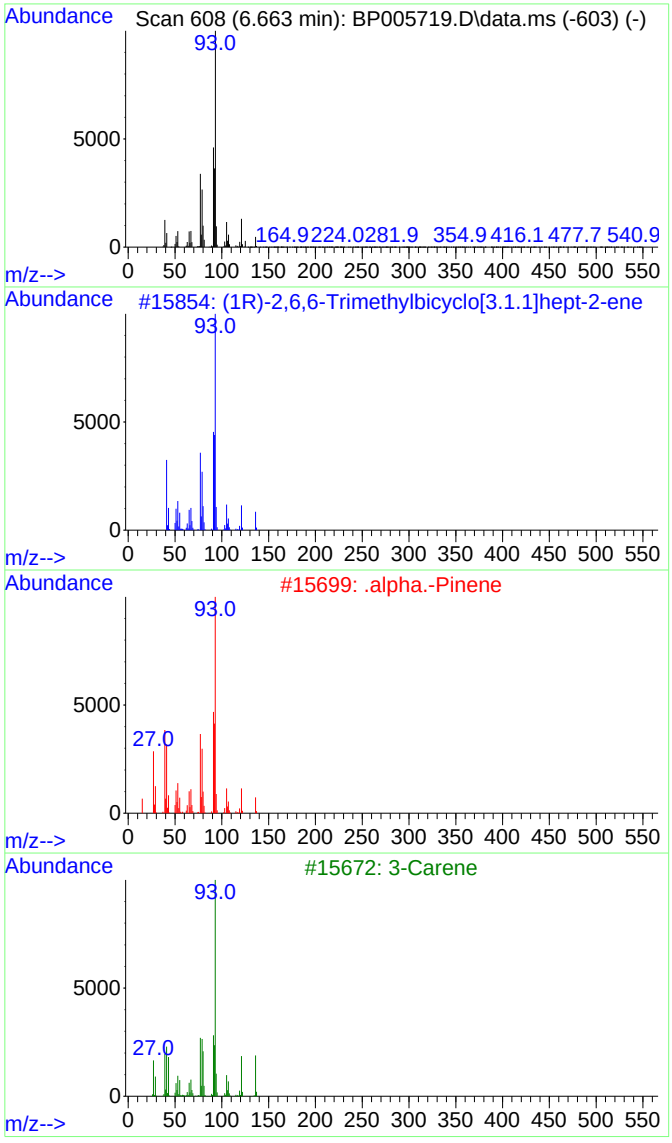
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

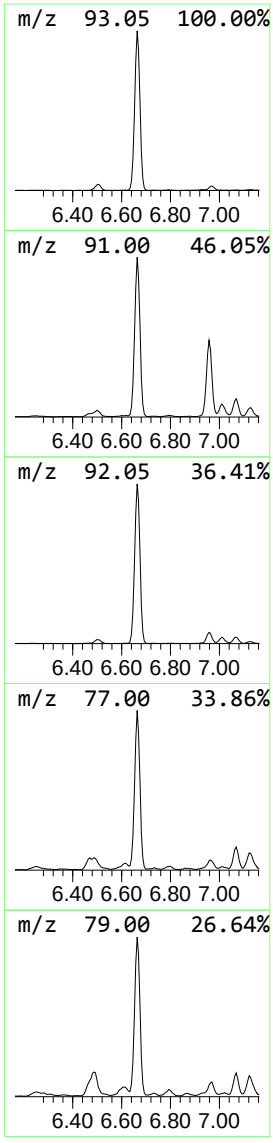
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.663	24.84 ng	5010790	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	3-Carene	136	C10H16	013466-78-9	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





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Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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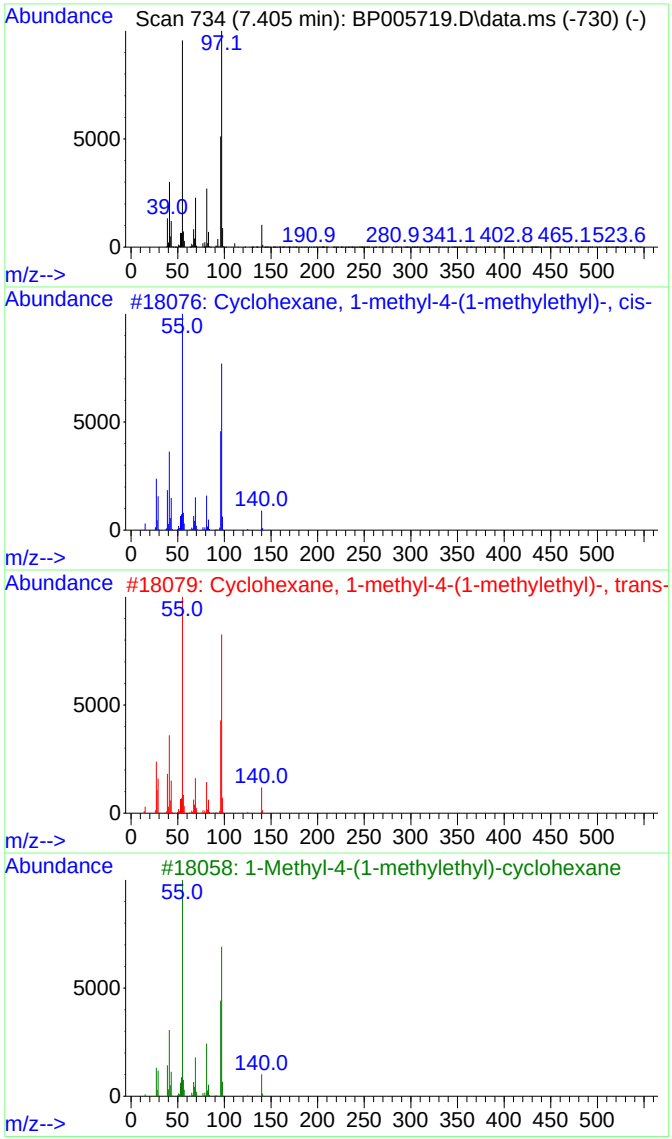
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

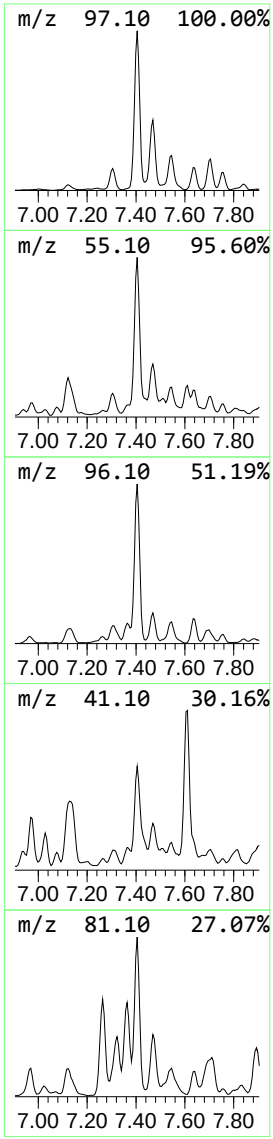
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.405	18.60 ng	3751760	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	91
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	91
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91
5	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	91





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Acq On : 04 Jun 2021 19:25
Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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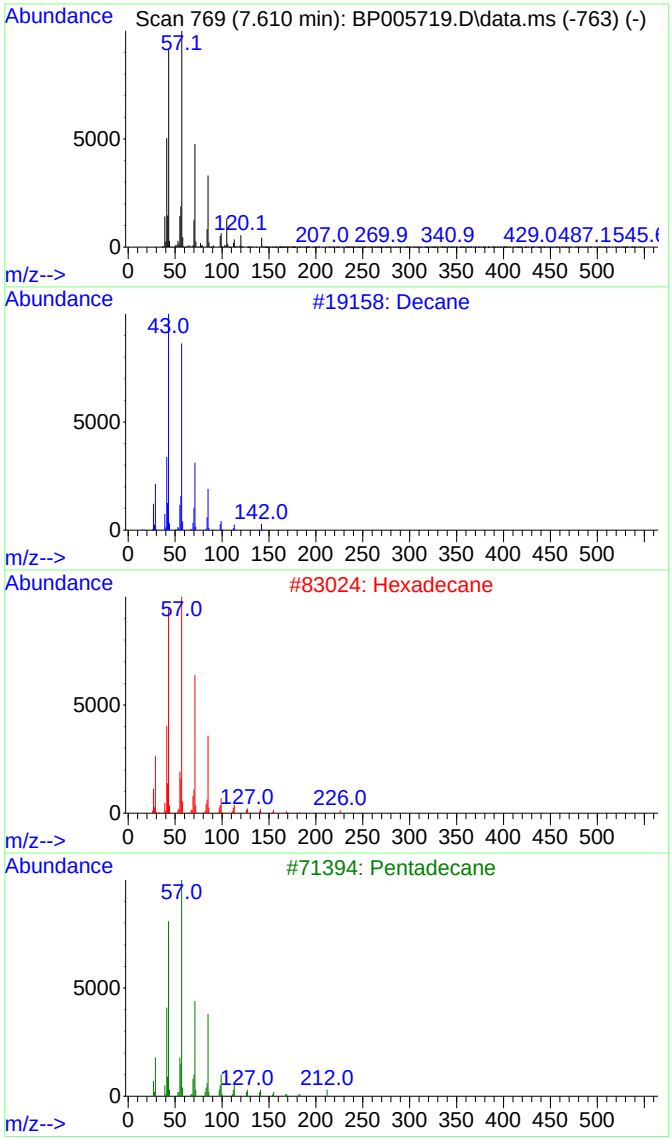
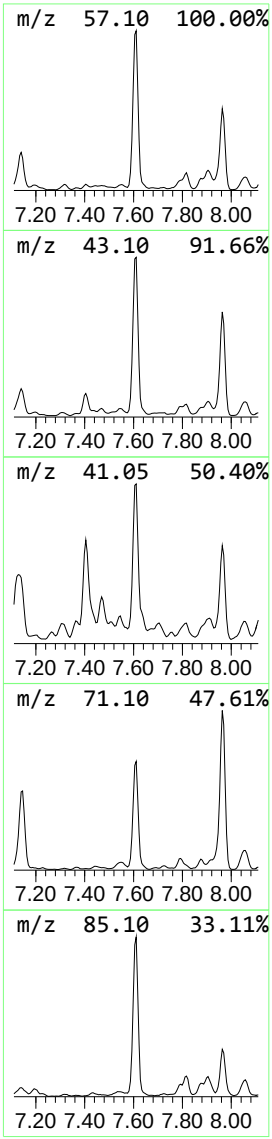
Peak Number 6 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.610	20.05 ng	4045170	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Hexadecane	226	C16H34	000544-76-3	72
3	Pentadecane	212	C15H32	000629-62-9	64
4	Hexatriacontane	507	C36H74	000630-06-8	64
5	Dotriacontane	451	C32H66	000544-85-4	64





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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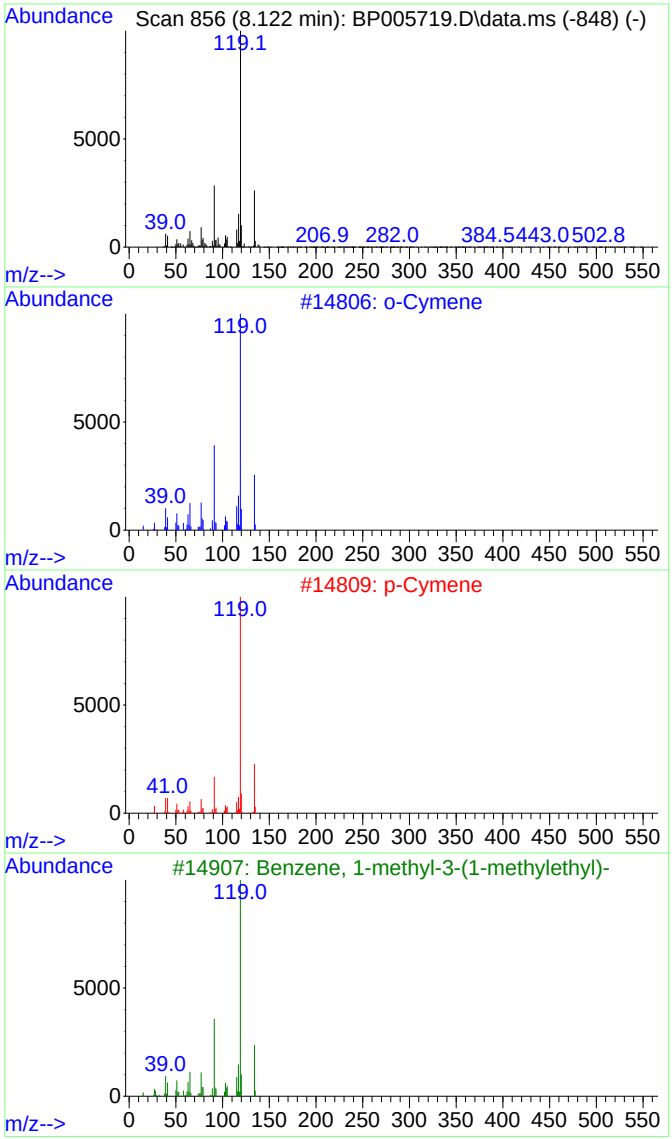
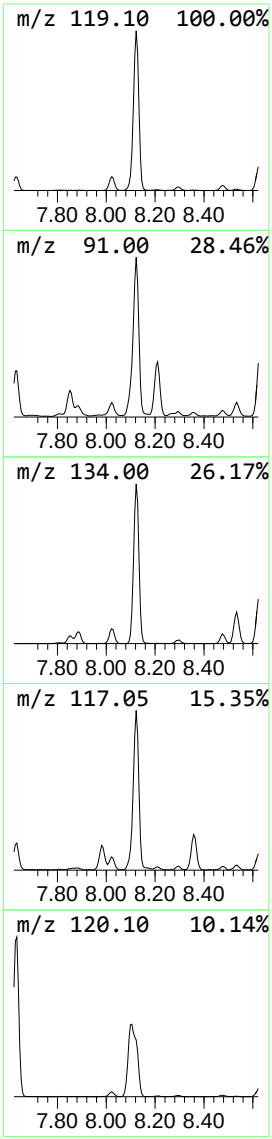
Peak Number 7 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.122	24.23 ng	4887840	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

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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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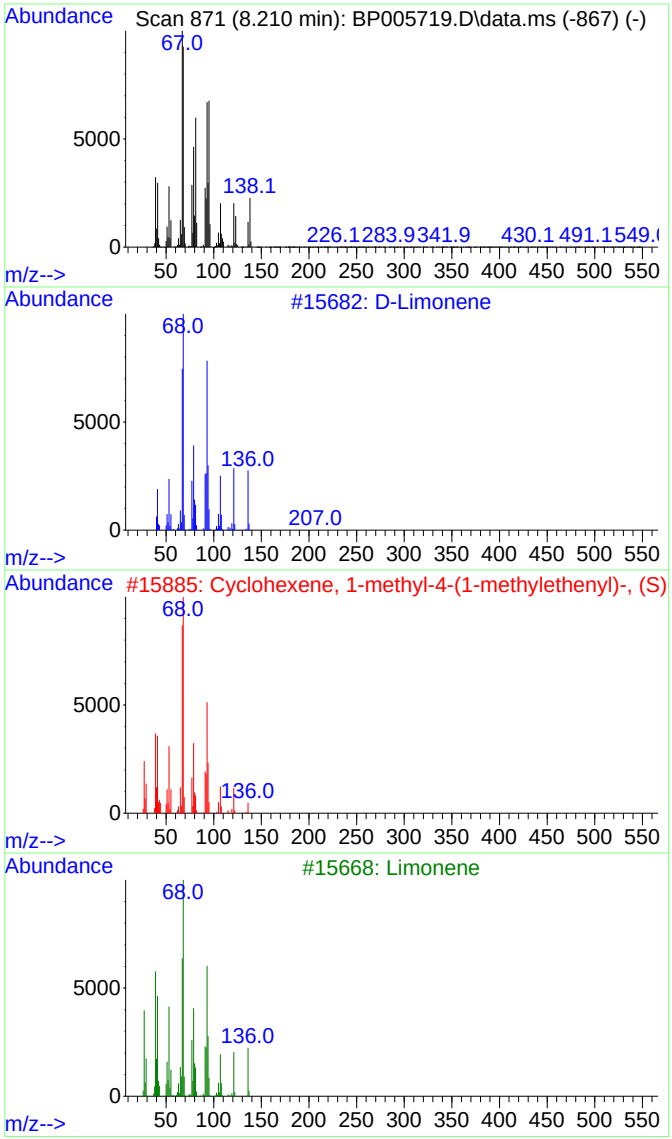
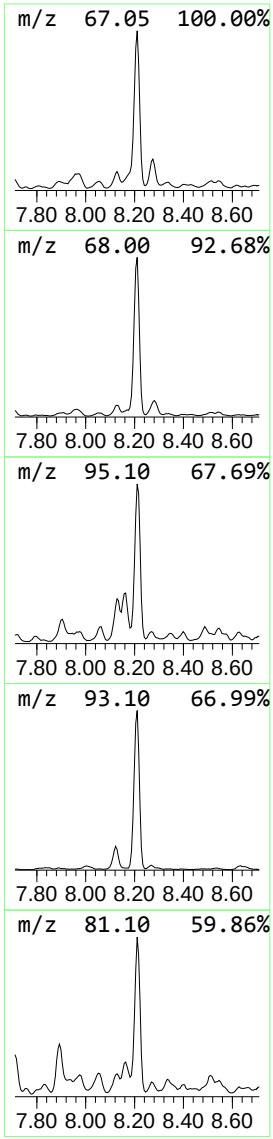
Peak Number 8 D-Limonene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	20.99 ng	4234680	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	93
3	Limonene	136	C10H16	000138-86-3	86
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	62
5	1,7-Octadiene, 3-methylene-	122	C9H14	068695-13-6	46





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Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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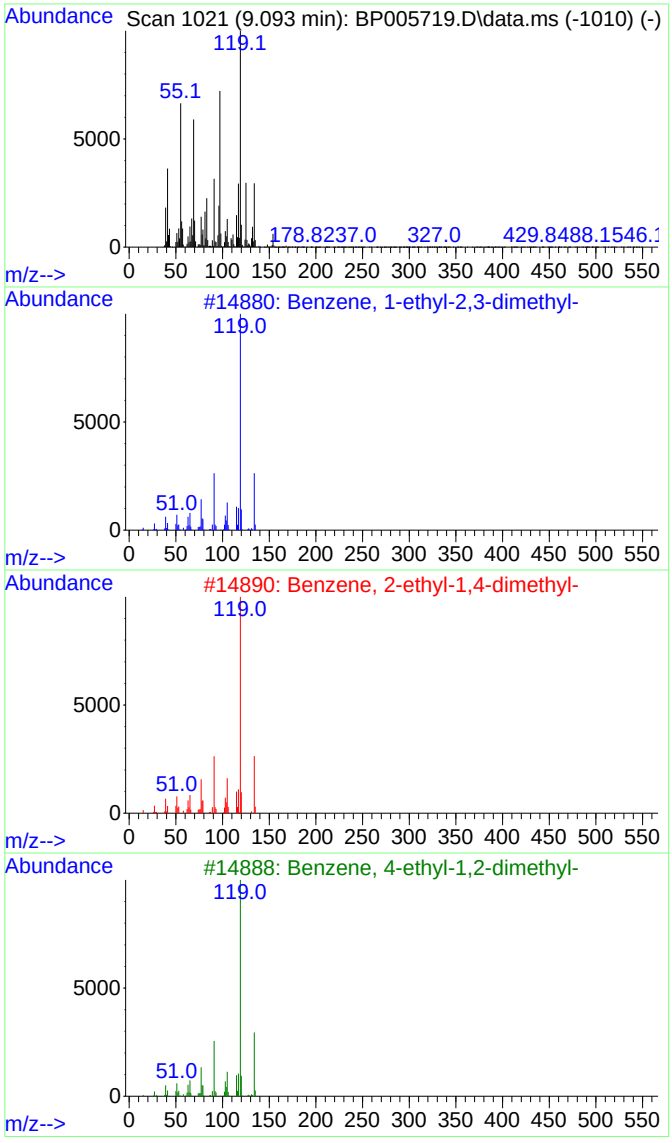
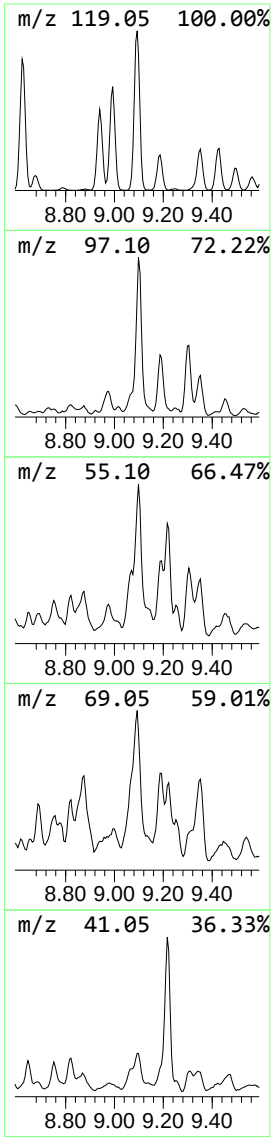
Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.093	14.31 ng	2887470	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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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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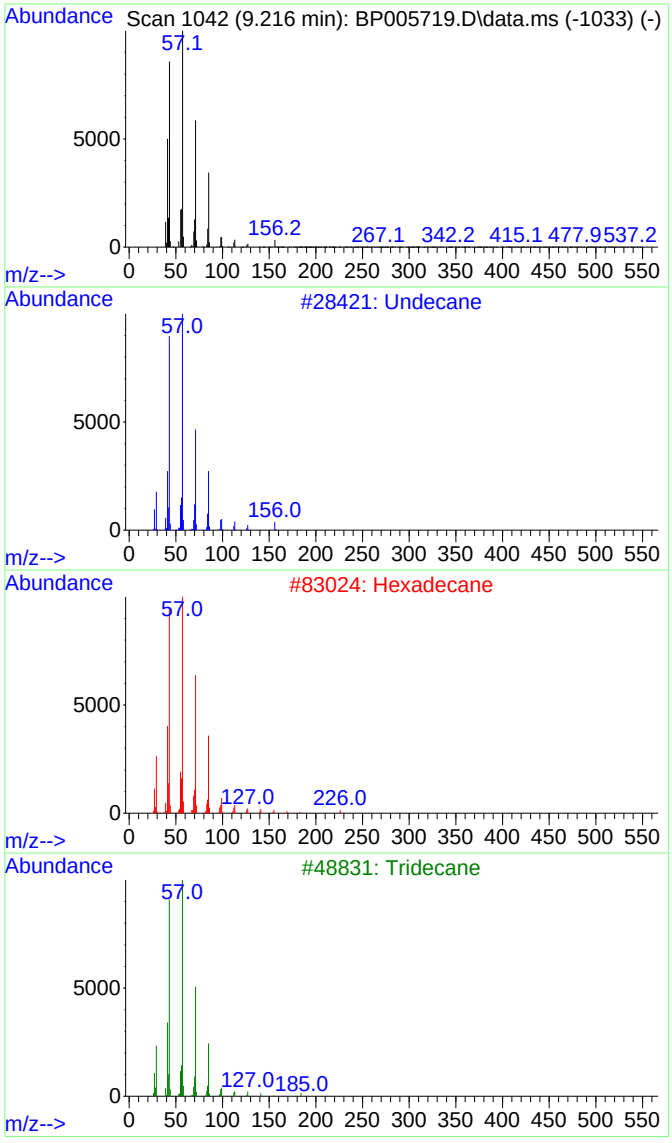
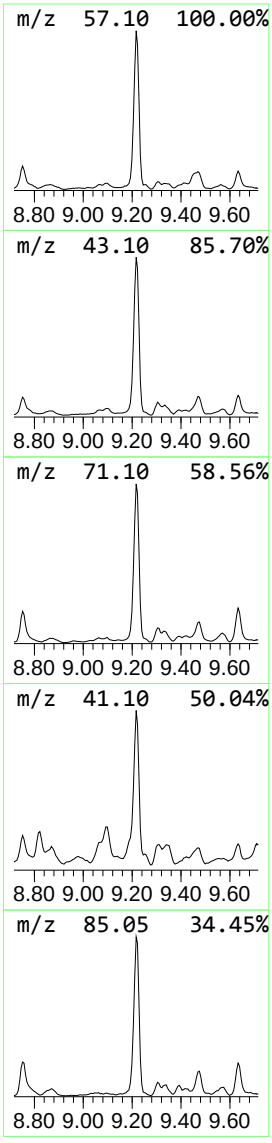
Peak Number 10 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	17.76 ng	3582260	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Decane	142	C10H22	000124-18-5	59





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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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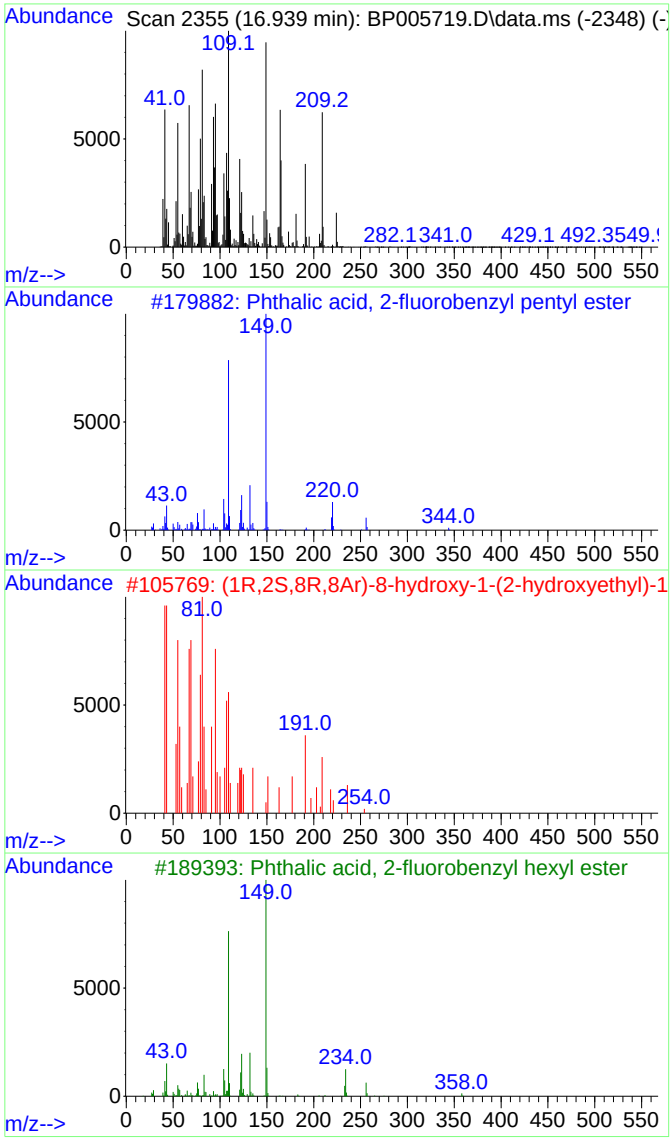
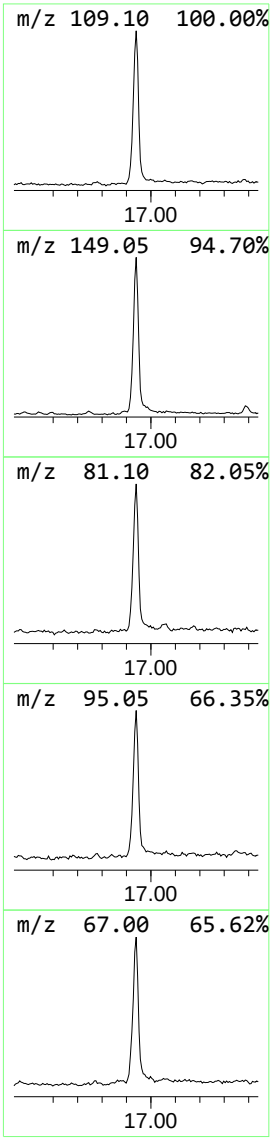
Peak Number 11 unknown16.939 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	26.22 ng	2437550	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-fluorobenzyl pe...	344	C20H21FO4	1000371-07-0	35
2	(1R,2S,8R,8Ar)-8-hydroxy-1-(2-hy...	254	C16H30O2	1000298-98-3	27
3	Phthalic acid, 2-fluorobenzyl he...	358	C21H23FO4	1000371-06-9	20
4	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	14
5	2-tert-Butyl-6-methylphenol, ace...	206	C13H18O2	1000364-92-4	11





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Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.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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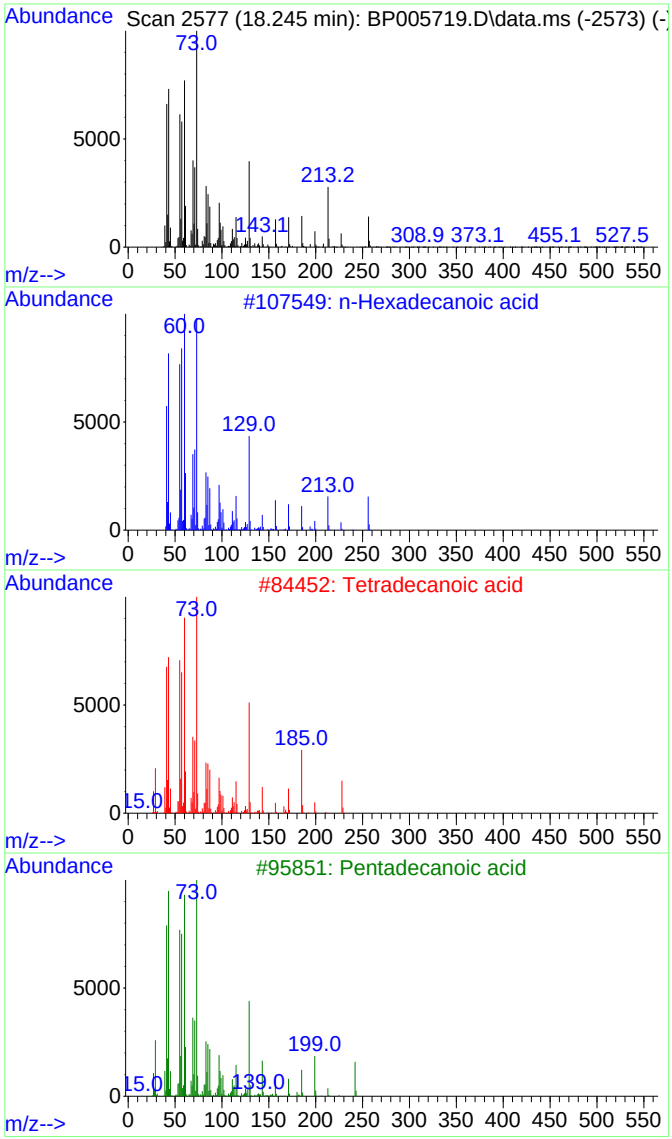
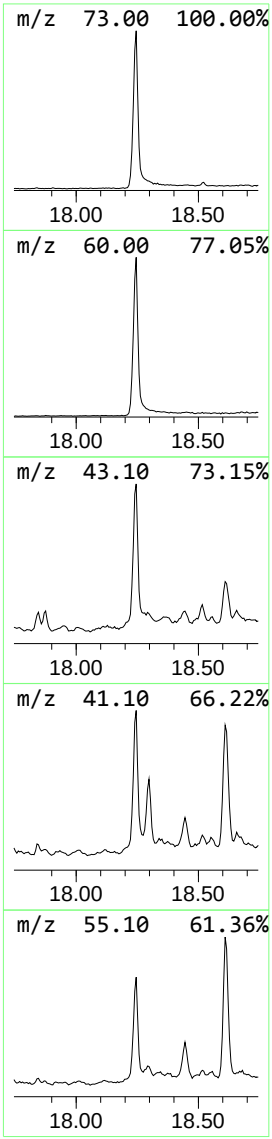
Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	23.42 ng	2176810	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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

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

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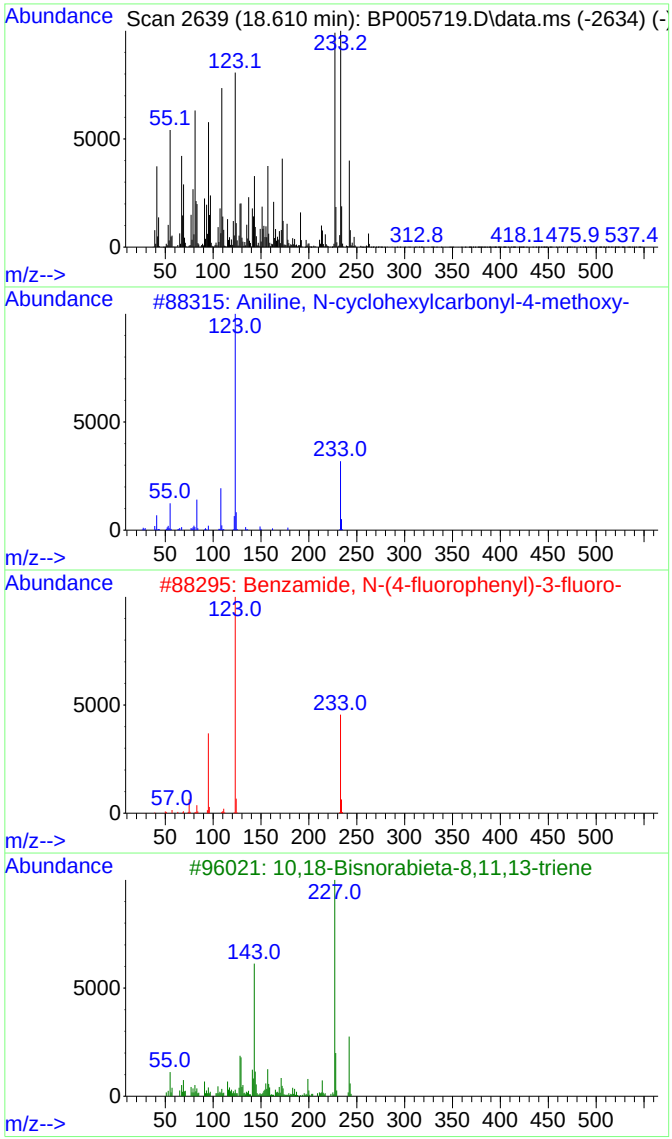
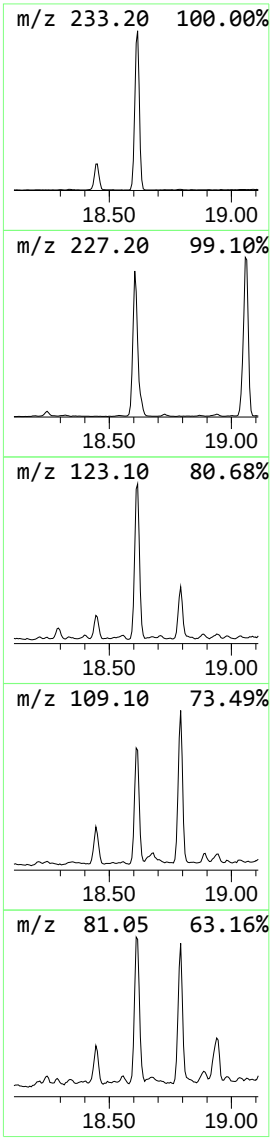
Peak Number 13 unknown18.610 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	64.69 ng	6012770	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline, N-cyclohexylcarbonyl-4-...	233	C14H19NO2	315712-26-6	30
2	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	30
3	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	25
4	2-(2'-Methoxyphenyl)-2-(4'-hydro...	242	C16H18O2	1000283-53-1	25
5	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	15





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

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

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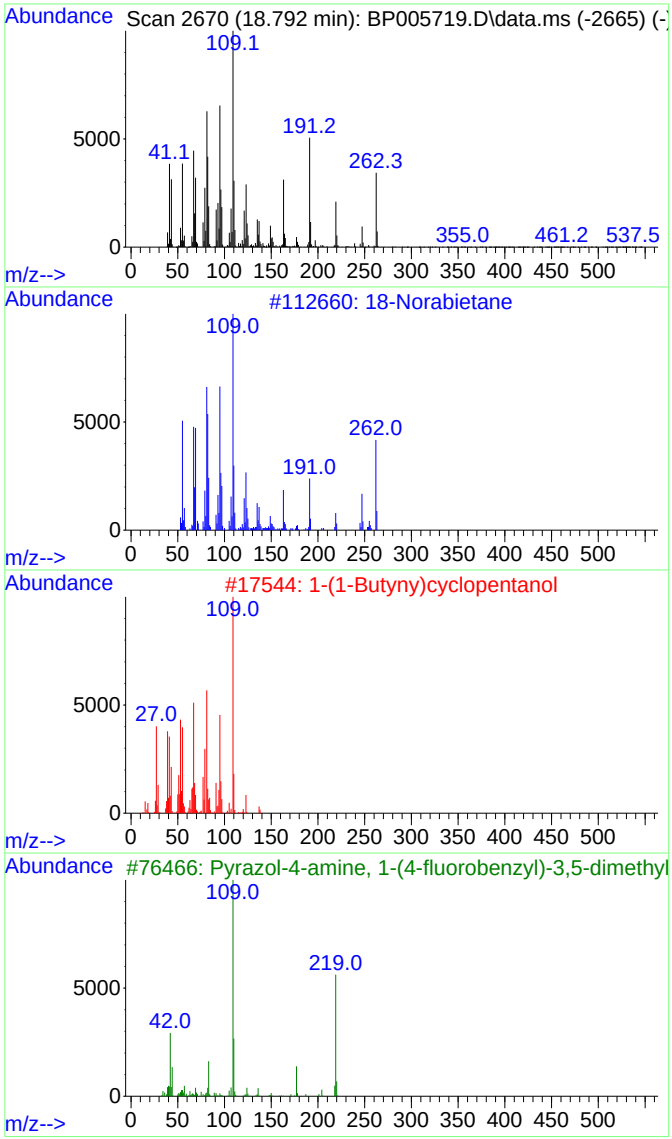
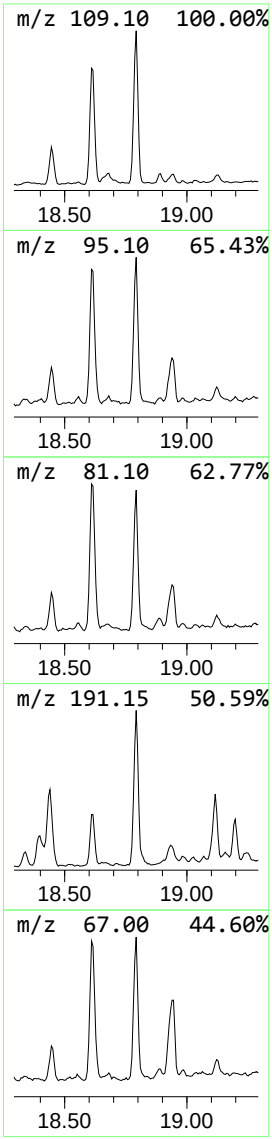
Peak Number 14 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.792	36.76 ng	3416610	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	90
2	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	35
3	Pyrazol-4-amine, 1-(4-fluorobenz...	219	C12H14FN3	1000272-83-8	27
4	Imidazole-4-carboxylic acid, 1-m...	154	C7H10N2O2	041507-56-6	22
5	1H-Pyrazole, 4-(2-bromoethyl)-3,...	202	C7H11BrN2	083467-28-1	22





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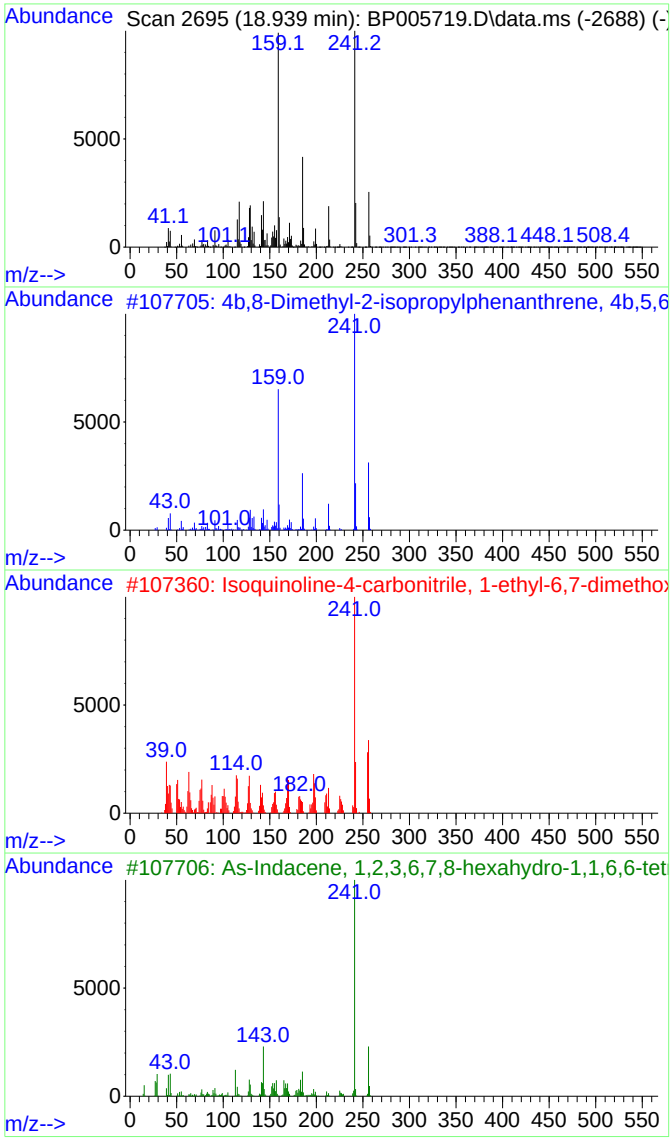
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

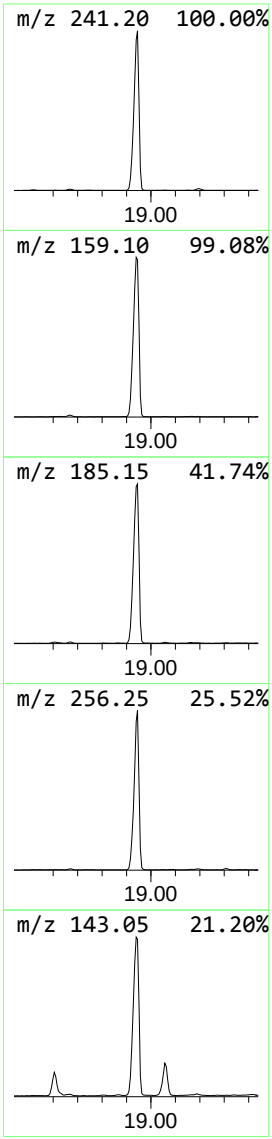
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	345.21 ng	32086500	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Isoquinoline-4-carbonitrile, 1-e...	256	C15H16N2O2	1000259-91-1	30
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30
4	Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	22
5	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	22





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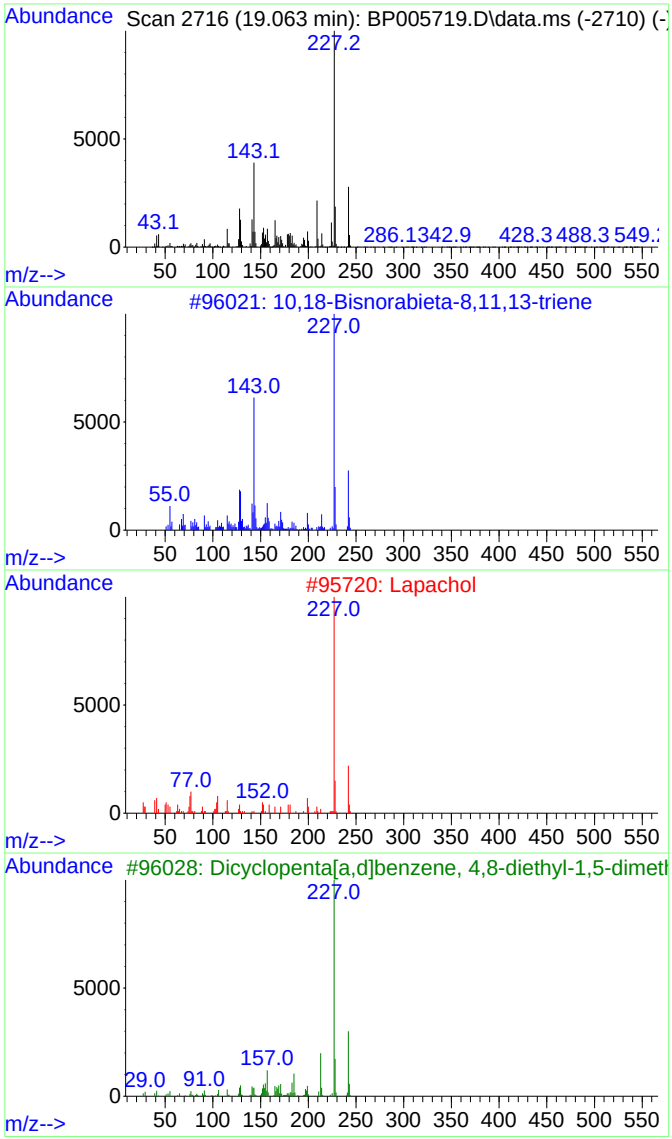
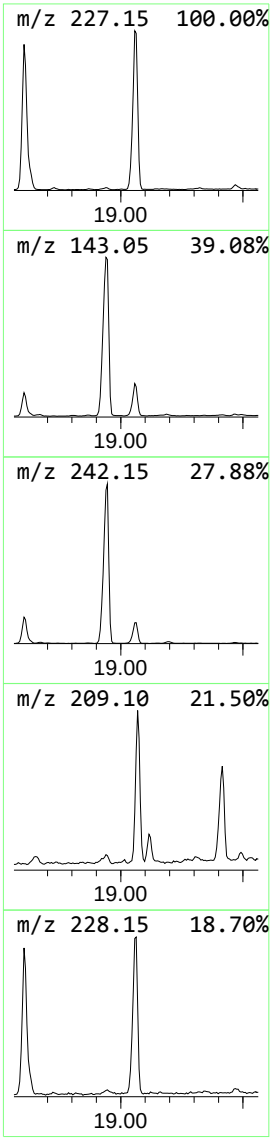
Peak Number 16 10,18-Bisnorabieta-8,11,13-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	24.03 ng	2233740	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	89
2	Lapachol	242	C15H14O3	000084-79-7	55
3	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	55
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	49
5	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	46





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Data File : BP005719.D
Acq On : 04 Jun 2021 19:25
Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

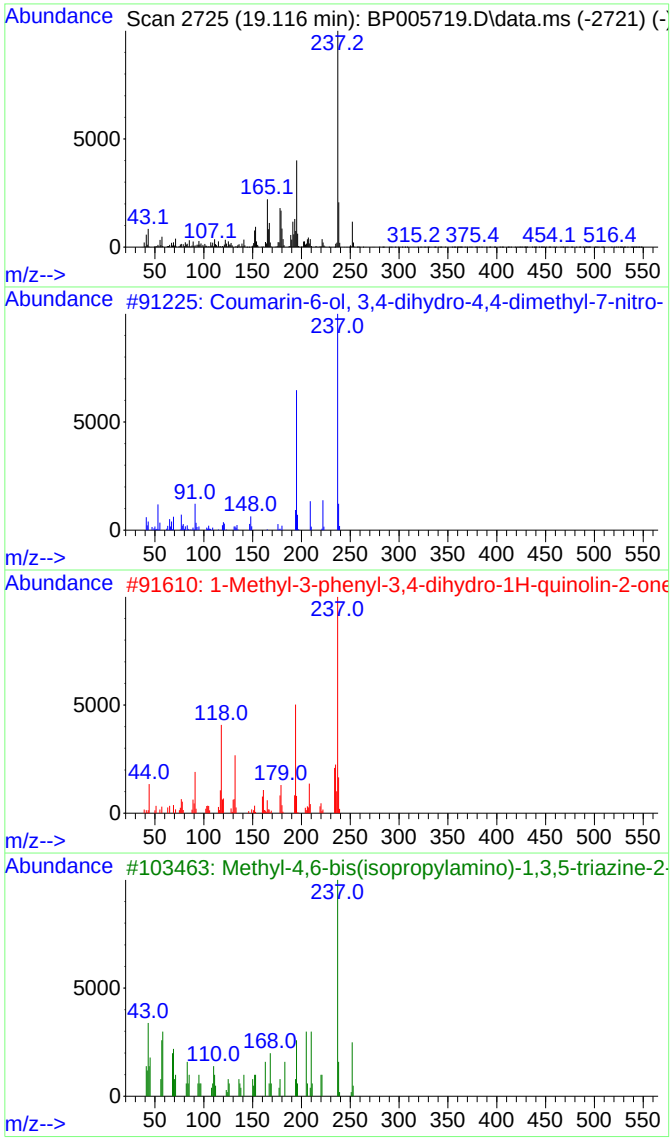
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

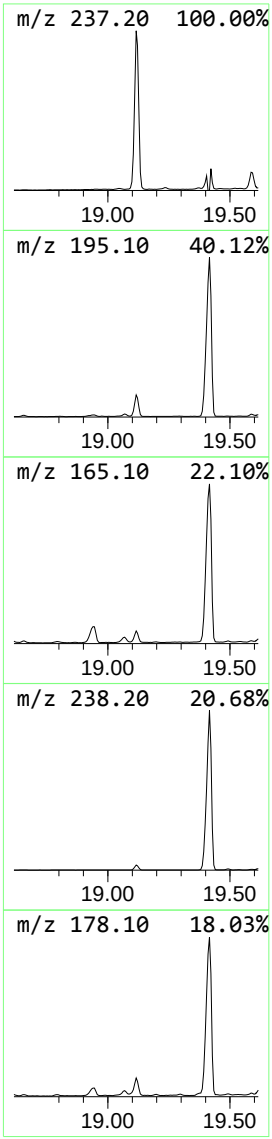
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Coumarin-6-ol, 3,4-dihydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	24.91 ng	2315270	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coumarin-6-ol, 3,4-dihydro-4,4-d...	237	C11H11NO5	1000126-61-0	53
2	1-Methyl-3-phenyl-3,4-dihydro-1H...	237	C16H15NO	028899-87-8	49
3	Methyl-4,6-bis(isopropylamino)-1...	252	C11H20N6O	300587-35-3	47
4	2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	47
5	2-t-Butylxanthen-9-one	252	C17H16O2	040305-52-0	46





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Data File : BP005719.D
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Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

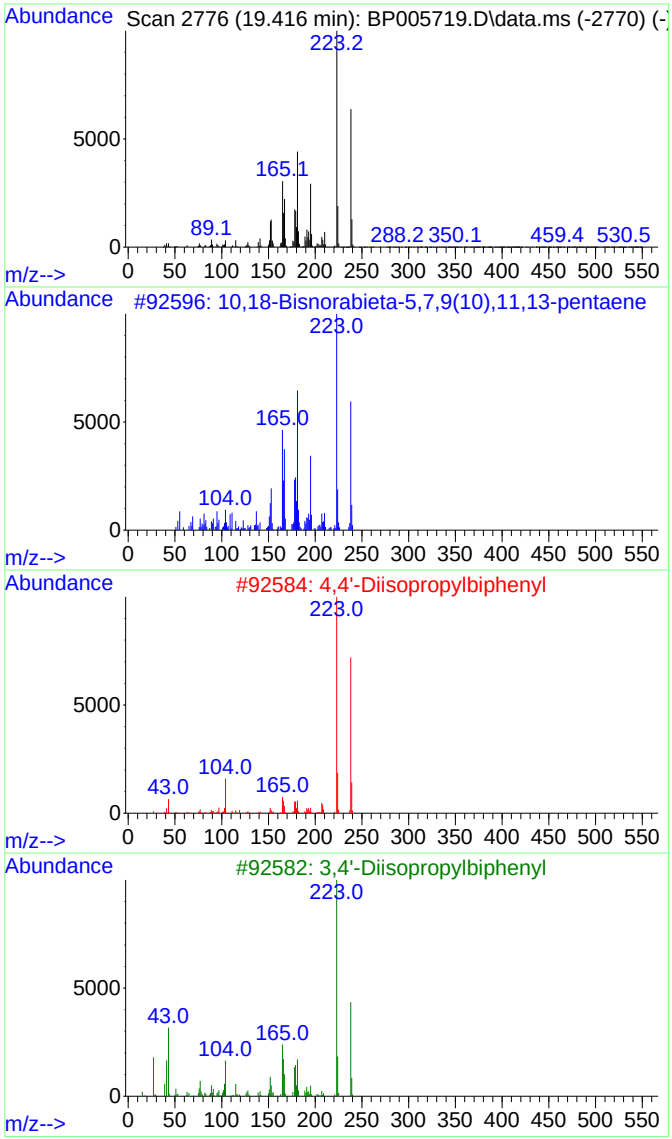
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

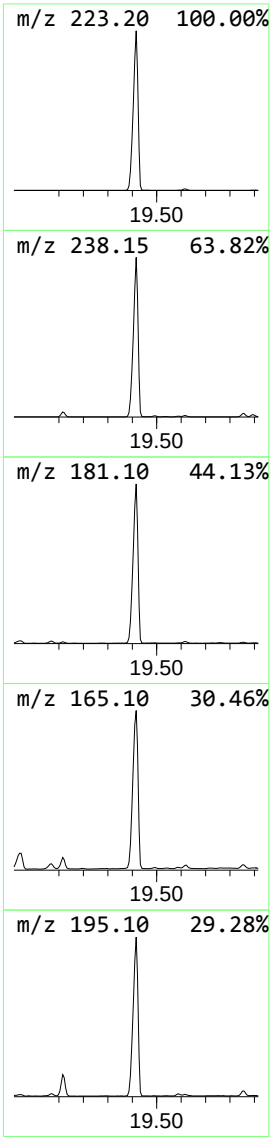
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	62.30 ng	29382800	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	53
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	45





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Data File : BP005719.D
Acq On : 04 Jun 2021 19:25
Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

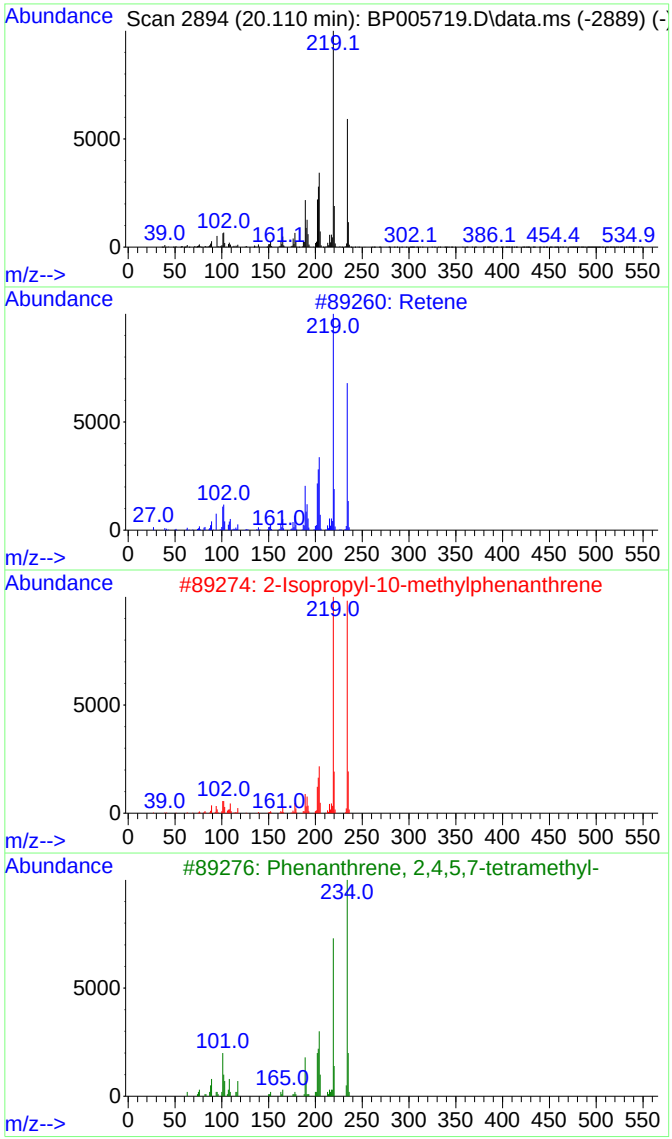
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

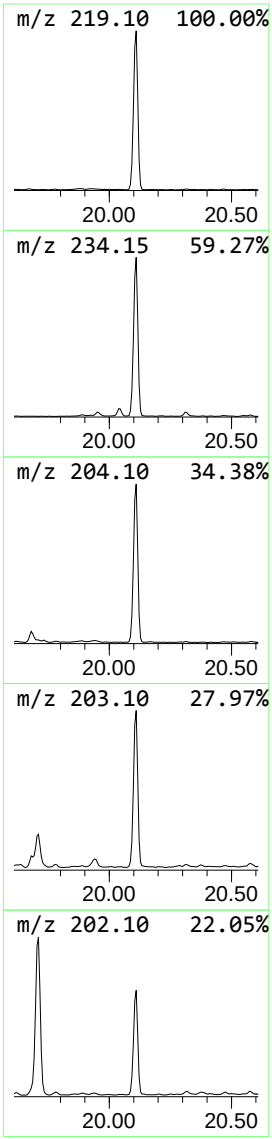
****

Peak Number 19 Retene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	17.44 ng	8226280	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

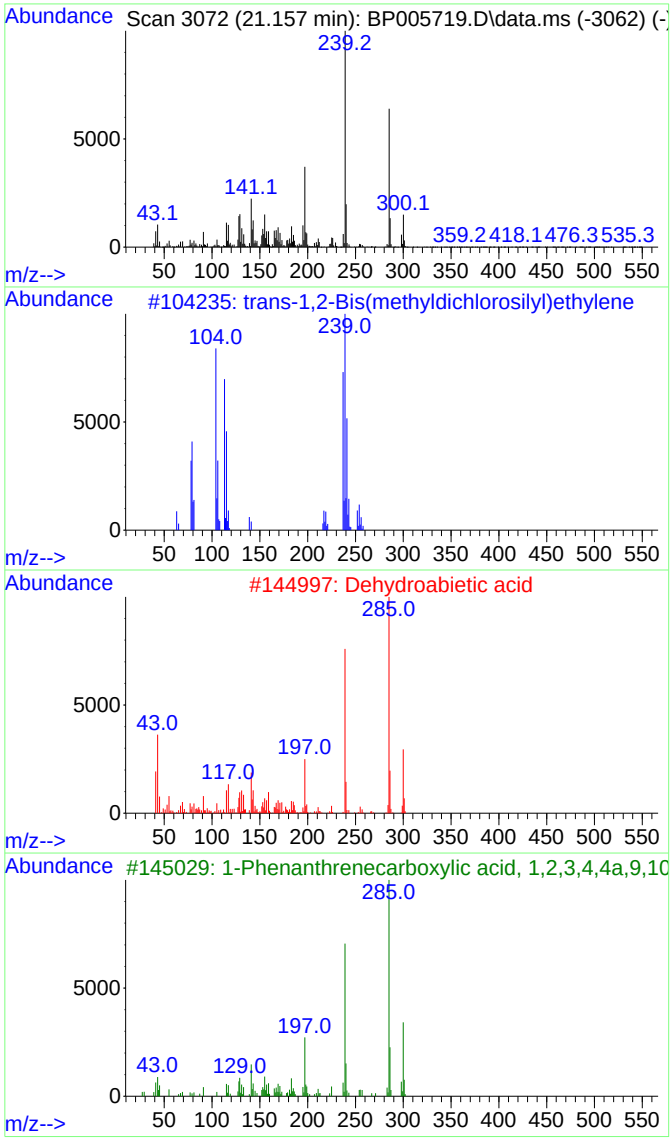
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

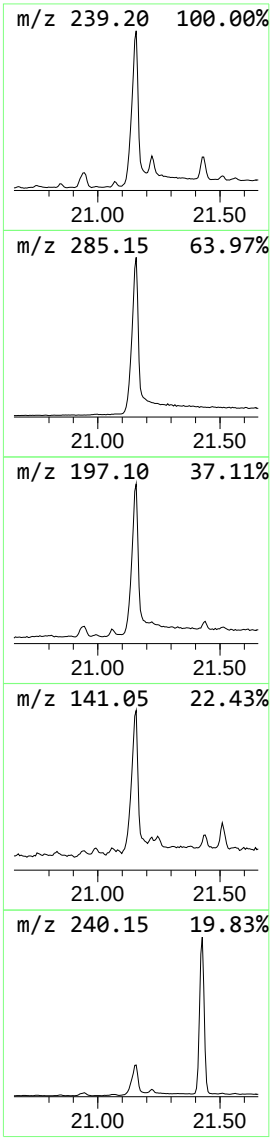
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 trans-1,2-Bis(methyldichlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	20.00 ng	9432130	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	94
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	62
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005719.D
Acq On : 04 Jun 2021 19:25
Operator : CG/JU
Sample : M2589-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FOUNDATION-EXCAVATION-SAMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	5.611	17.2	ng	3473860	1	7.987	4034590	20.0
Nonane	5.987	24.1	ng	4867720	1	7.987	4034590	20.0
Cyclohexane, pr...	6.616	15.4	ng	3113430	1	7.987	4034590	20.0
(1R)-2,6,6-Trim...	6.663	24.8	ng	5010790	1	7.987	4034590	20.0
Cyclohexane, 1-...	7.405	18.6	ng	3751760	1	7.987	4034590	20.0
Decane	7.610	20.1	ng	4045170	1	7.987	4034590	20.0
o-Cymene	8.122	24.2	ng	4887840	1	7.987	4034590	20.0
D-Limonene	8.210	21.0	ng	4234680	1	7.987	4034590	20.0
Benzene, 1-ethy...	9.093	14.3	ng	2887470	1	7.987	4034590	20.0
Undecane	9.216	17.8	ng	3582260	1	7.987	4034590	20.0
unknown16.939	16.939	26.2	ng	2437550	4	17.351	1858970	20.0
n-Hexadecanoic ...	18.245	23.4	ng	2176810	4	17.351	1858970	20.0
unknown18.610	18.610	64.7	ng	6012770	4	17.351	1858970	20.0
18-Norabietane	18.792	36.8	ng	3416610	4	17.351	1858970	20.0
4b,8-Dimethyl-2...	18.939	345.2	ng	32086500	4	17.351	1858970	20.0
10,18-Bisnorabi...	19.063	24.0	ng	2233740	4	17.351	1858970	20.0
Coumarin-6-ol, ...	19.116	24.9	ng	2315270	4	17.351	1858970	20.0
10,18-Bisnorabi...	19.416	62.3	ng	29382800	5	21.427	9432130	20.0
Retene	20.110	17.4	ng	8226280	5	21.427	9432130	20.0
trans-1,2-Bis(m...	21.157	20.0	ng	9432130	5	21.427	9432130	20.0