LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125213.D
Acq On : 25 Aug 2021 16:58
Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-3-(171.00)

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	16	22	29	rVB	702855	916233	31.75%	2.217%
2	5.134	514	518	524	rVB	78111	99163	3.44%	0.240%
3	5.534	581	586	589	rBV	2598239	2616871	90.68%	6.331%
4	6.534	751	756	759	rBV	2897523	2621025	90.83%	6.341%
5	6.916	817	821	824	rVB	957748	846527	29.33%	2.048%
6	7.175	861	865	870	rBV2	33024	36281	1.26%	0.088%
7	7.475	911	916	919	rBV	2118514	1879727	65.14%	4.547%
8	8.098	1018	1022	1032	rBV3	41666	107176	3.71%	0.259%
9	8.192	1035	1038	1041	rBV	1155136	1030398	35.71%	2.493%
10	9.269	1217	1221	1224	rBV	3475495	2885742	100.00%	6.981%
11	9.657	1285	1287	1294	rBV	109074	107371	3.72%	0.260%
12	9.810	1310	1313	1317	rBV	218484	182062	6.31%	0.440%
13	9.951	1333	1337	1340	rBV	1586348	1401071	48.55%	3.389%
14	10.151	1367	1371	1375	rBV	56233	55673	1.93%	0.135%
15	10.733	1466	1470	1474	rBV	1920083	1693557	58.69%	4.097%
16	10.863	1486	1492	1499	rVB4	53567	79012	2.74%	0.191%
17	11.086	1526	1530	1535	rVB4	26323	33221	1.15%	0.080%
18	11.239	1553	1556	1560	rBV	53964	49385	1.71%	0.119%
19	11.327	1567	1571	1576	rVB3	29987	45277	1.57%	0.110%
20	11.380	1576	1580	1583	rBV2	33211	39886	1.38%	0.096%
21	11.433	1586	1589	1592	rBV	1101227	997112	34.55%	2.412%
22	11.457	1592	1593	1597	rVB	177734	135119	4.68%	0.327%
23	11.510	1599	1602	1605	rBV	225175	180367	6.25%	0.436%
24	11.663	1622	1628	1634	rBV	165980	188596	6.54%	0.456%
25	11.722	1635	1638	1644	rVB5	26692	43804	1.52%	0.106%
26	11.822	1649	1655	1662	rVB8	32401	49487	1.71%	0.120%
27	11.880	1662	1665	1670	rBV4	28210	38611	1.34%	0.093%
28	11.951	1670	1677	1683	rBV3	260581	362974	12.58%	0.878%
29	12.010	1685	1687	1690	rVB	42306	40156	1.39%	0.097%
30	12.051	1690	1694	1702	rVB2	81043	134774	4.67%	0.326%
31	12.133	1702	1708	1711	rBV5	39644	91495	3.17%	0.221%
32	12.257	1726	1729	1732	rVB	144982	123795	4.29%	0.299%
33	12.380	1745	1750	1752	rBV4	38031	45006	1.56%	0.109%
34	12.410	1752	1755	1757	rVB	55420	43604	1.51%	0.105%
35	12.486	1765	1768	1771	rBV	82714	80906	2.80%	0.196%
36	12.569	1780	1782	1788	rVB	114753	107314	3.72%	0.260%

LSC Area Percent Report

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Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-3-(171.00)

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_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.651	1792	1796	1800	rVB	1249294	988741	34.26%	2.392%
38	12.739	1808	1811	1814	rBV	152775	136908	4.74%	0.331%
39	12.880	1829	1835	1840	rBV	1253725	1243224	43.08%	3.008%
40	12.927	1840	1843	1848	rVB2	61910	78974	2.74%	0.191%
41	13.021	1855	1859	1865	rVB	2767397	2505144	86.81%	6.060%
42	13.098	1867	1872	1875	rBV2	114713	170918	5.92%	0.413%
43	13.180	1883	1886	1889	rBV5	111642	169167	5.86%	0.409%
44	13.239	1893	1896	1899	rBV2	47710	61035	2.12%	0.148%
45	13.274	1899	1902	1904	rBV	56479	51155	1.77%	0.124%
46	13.310	1904	1908	1911	rVV2	179916	194230	6.73%	0.470%
47	13.339	1911	1913	1915	rVB	54455	42077	1.46%	0.102%
48	13.404	1920	1924	1926	rBV	134828	125902	4.36%	0.305%
49	13.433	1926	1929	1933	rVB2	77257	75137	2.60%	0.182%
50	13.563	1947	1951	1952	rBV3	63680	75197	2.61%	0.182%
51	13.710	1973	1976	1981	rVB	249006	236249	8.19%	0.572%
52	13.780	1985	1988	1991	rVB3	48037	48019	1.66%	0.116%
53	13.827	1991	1996	1999	rBV2	176504	276323	9.58%	0.668%
54	13.857	1999	2001	2002	rVV	174205	145649	5.05%	0.352%
55	13.874	2002	2004	2008	rVV2	273000	313362	10.86%	0.758%
56	13.921	2008	2012	2014	rVV2	231274	221372	7.67%	0.536%
57	13.945	2014	2016	2018	rVV	77972	56231	1.95%	0.136%
58	13.968	2018	2020	2022	rVV	85555	75887	2.63%	0.184%
59	13.998	2022	2025	2030	rVV4	97456	169808	5.88%	0.411%
60	14.045	2030	2033	2034	rVV	145072	135859	4.71%	0.329%
61	14.080	2034	2039	2042	rVV2	1162327	2029533	70.33%	4.910%
62	14.104	2042	2043	2049	rVB	894247	678225	23.50%	1.641%
63	14.186	2055	2057	2058	rBV	70729	58360	2.02%	0.141%
64	14.204	2058	2060	2062	rVB	93756	75997	2.63%	0.184%
65	14.292	2072	2075	2080	rBV2	102989	139826	4.85%	0.338%
66	14.333	2080	2082	2084	rBV3	92161	71875	2.49%	0.174%
67	14.427	2096	2098	2100	rBV2	60573	64218	2.23%	0.155%
68	14.463	2100	2104	2107	rVB	201160	232902	8.07%	0.563%
69	14.504	2107	2111	2114	rVB2	246935	253095	8.77%	0.612%
70	14.545	2114	2118	2122	rVB4	109737	155053	5.37%	0.375%
71	14.592	2122	2126	2128	rBV2	147802	150022	5.20%	0.363%
72	14.615	2128	2130	2133	rBV2	67617	59810	2.07%	0.145%
73	14.774	2154	2157	2160	rVB	117771	105429	3.65%	0.255%
74	14.804	2160	2162	2165	rVV4	45133	51066	1.77%	0.124%
75	14.839	2166	2168	2170	rVV	83426	88638	3.07%	0.214%
76	14.880	2173	2175	2180	rVB3	99970	129044	4.47%	0.312%

LSC Area Percent Report

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Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-3-(171.00)

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.004	2194	2196	2199	rVB	85029	84614	2.93%	0.205%
78	15.039	2199	2202	2206	rVB2	135414	137150	4.75%	0.332%
79	15.139	2213	2219	2222	rBV	1537784	2367514	82.04%	5.728%
80	15.210	2228	2231	2234	rVB2	118849	140863	4.88%	0.341%
81	15.245	2234	2237	2240	rBV	236582	232947	8.07%	0.564%
82	15.339	2249	2253	2259	rBV3	102159	231416	8.02%	0.560%
83	15.404	2261	2264	2266	rVV	88542	120781	4.19%	0.292%
84	15.451	2267	2272	2278	rVV	919641	1238650	42.92%	2.997%
85	15.510	2278	2282	2289	rVV2	581086	800959	27.76%	1.938%
86	15.580	2289	2294	2297	rVV	818942	1132198	39.23%	2.739%
87	15.609	2297	2299	2306	rVB3	223916	326935	11.33%	0.791%
88	15.745	2319	2322	2327	rVB3	89673	122390	4.24%	0.296%
89	15.809	2329	2333	2337	rVB4	149297	216564	7.50%	0.524%
90	16.633	2468	2473	2477	rBV2	71778	120614	4.18%	0.292%
91	16.892	2509	2517	2519	rBV5	113671	276103	9.57%	0.668%
92	17.086	2544	2550	2556	rBV2	423644	854289	29.60%	2.067%
93	17.151	2556	2561	2572	rVB2	275085	580281	20.11%	1.404%
94	17.333	2586	2592	2598	rBV2	152592	295822	10.25%	0.716%
95	17.545	2621	2628	2638	rVB	334953	727371	25.21%	1.760%

Sum of corrected areas: 41335900

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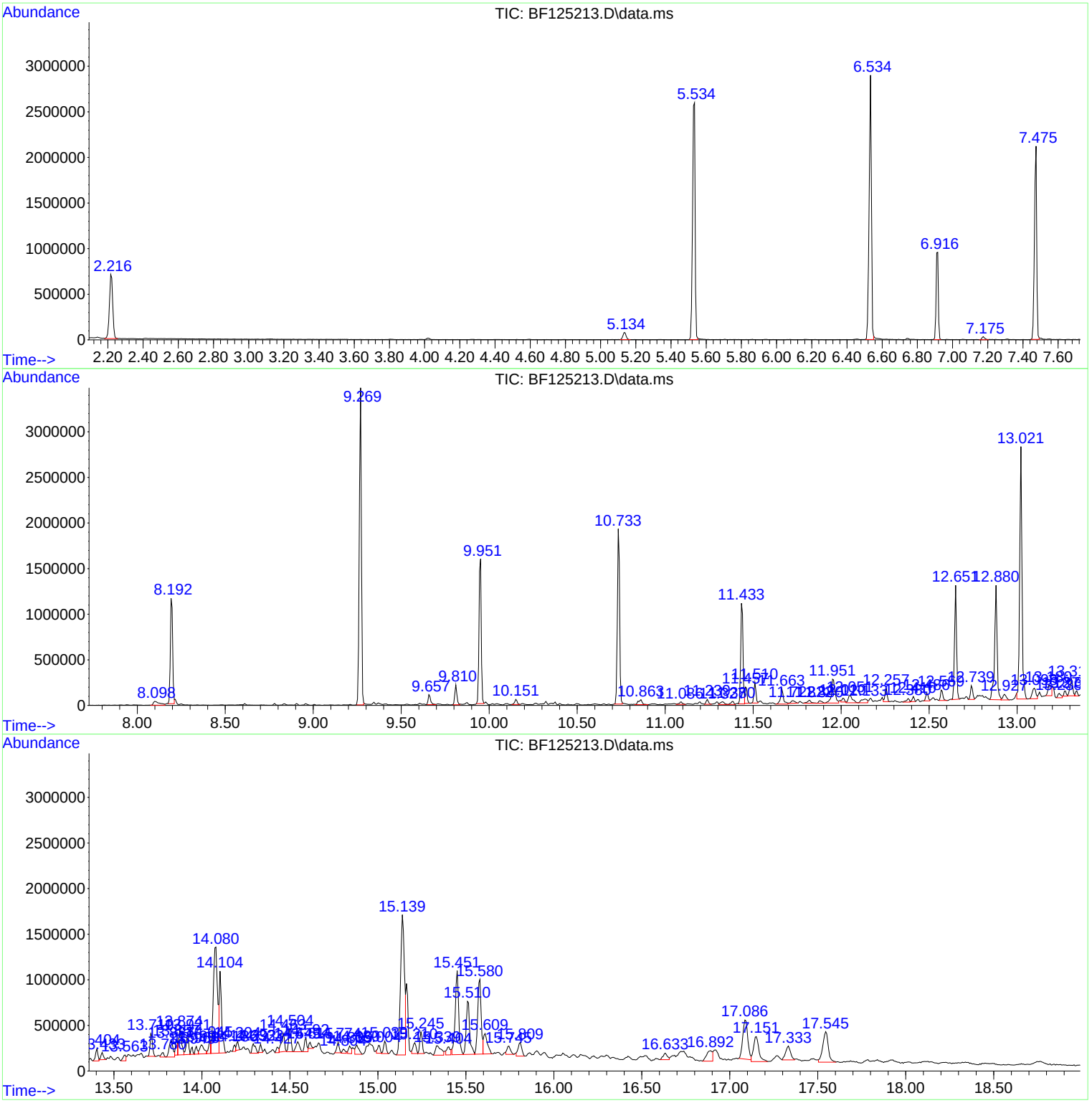
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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_F\Data\BF082521\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

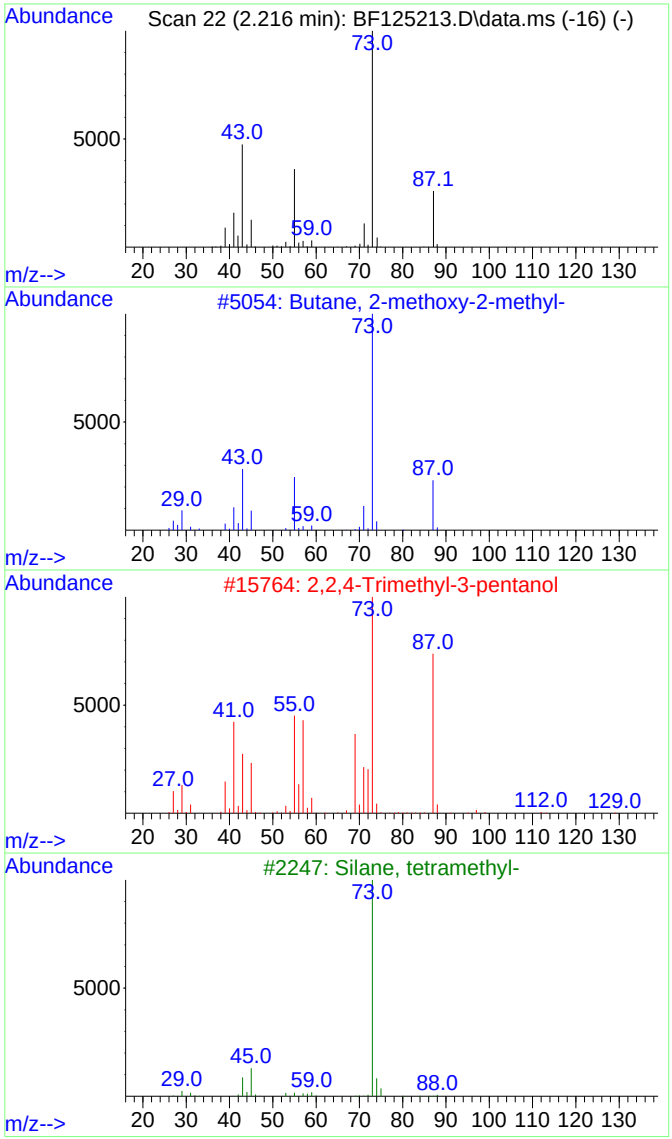
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

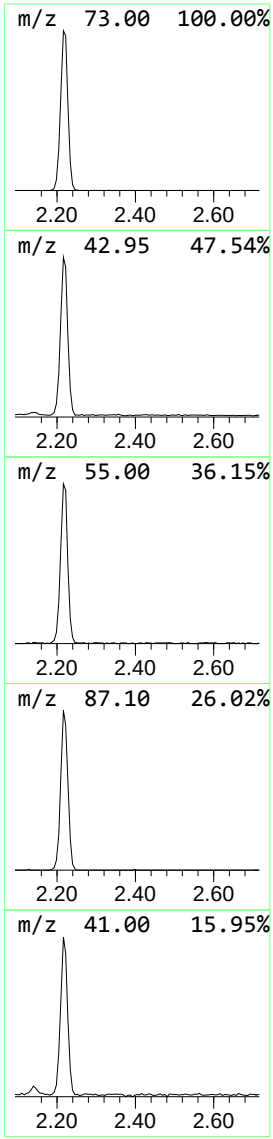
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	21.65 ng	916233	1,4-Dichlorobenzene-d4	6.916

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125213.D
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Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

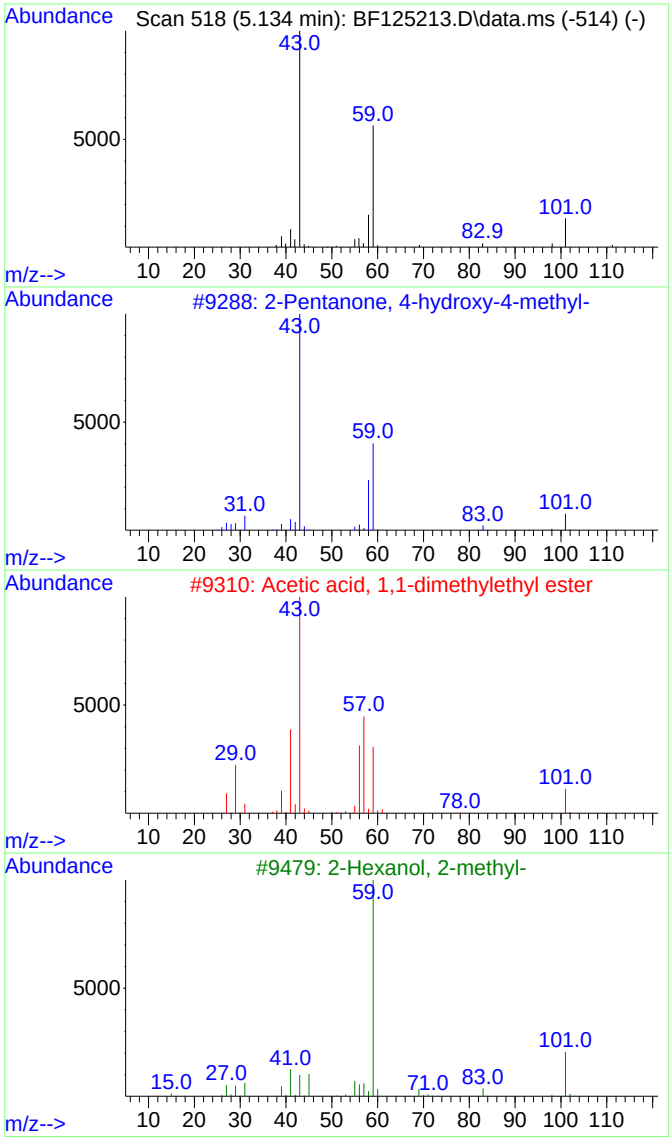
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

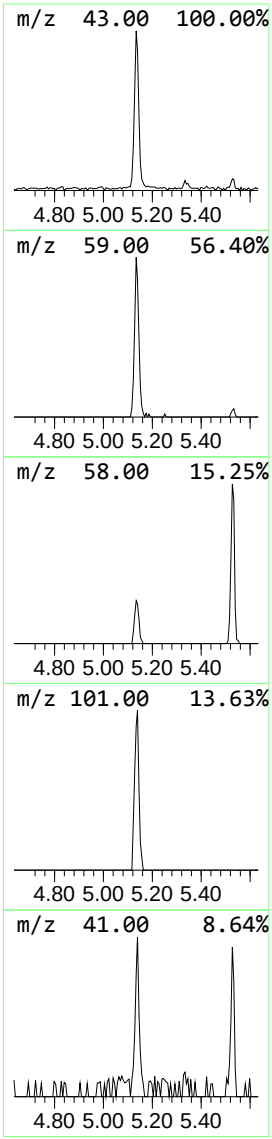
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.134	2.34 ng	99163	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10





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SAMPLE-3-(171.00)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

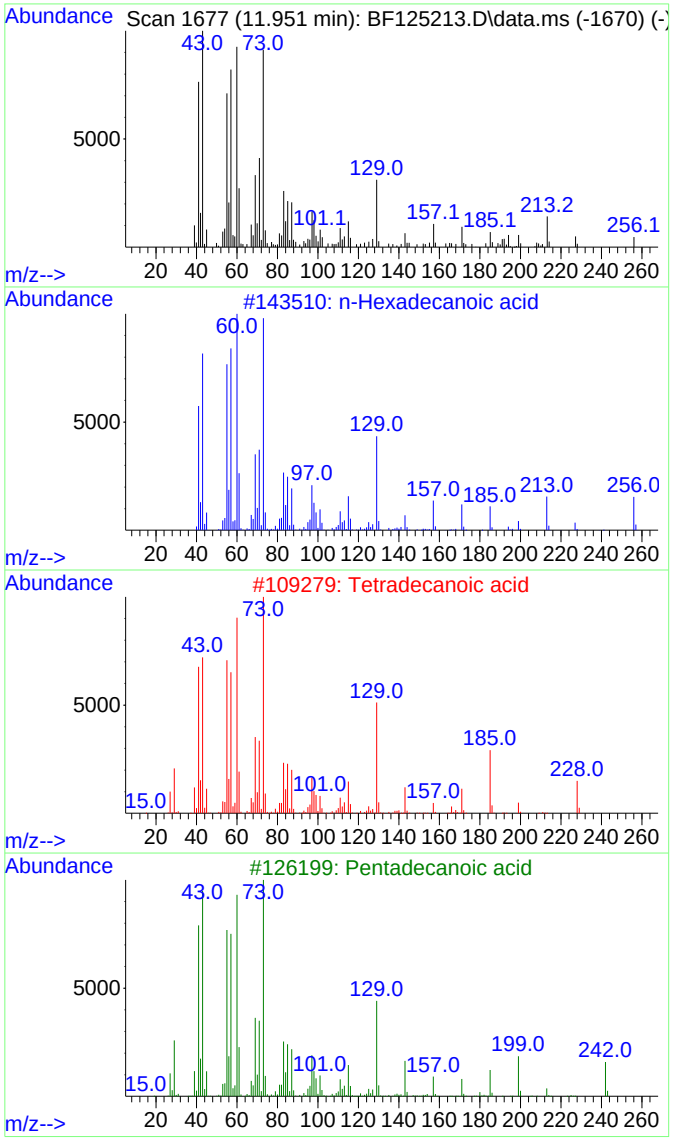
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

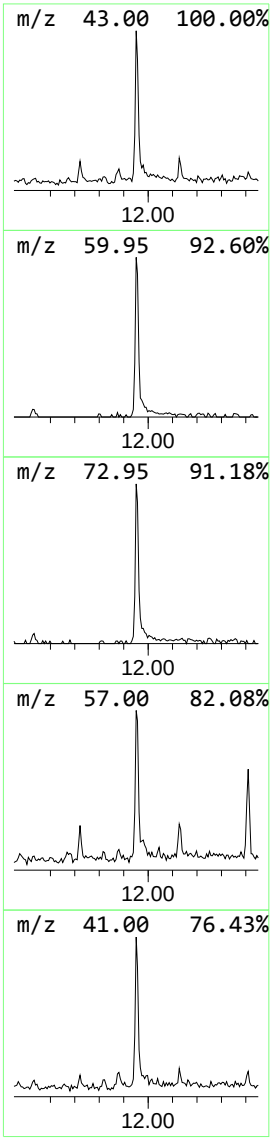
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.28 ng	362974	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	74





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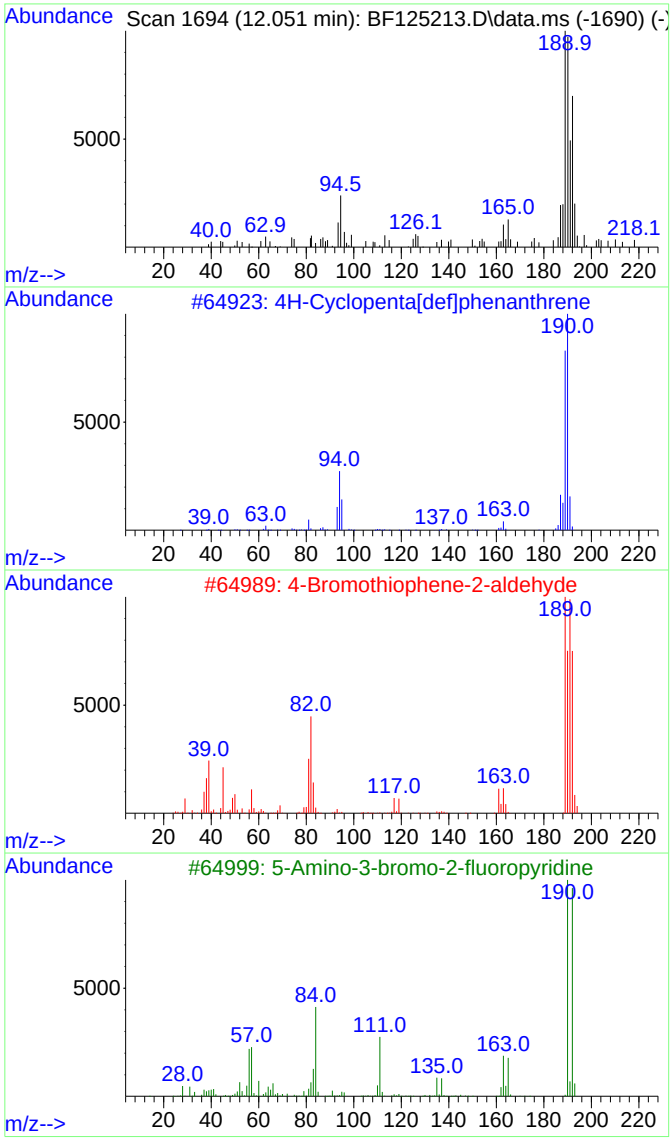
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

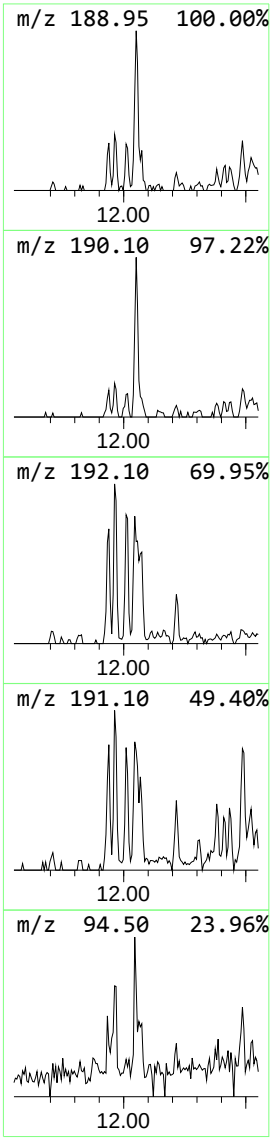
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	2.70 ng	134774	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	47
3	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	27
4	2-Chloro-4,6-difluoroaniline, N,...	191	C8H8ClF2N	943830-85-1	25
5	Benzoic acid, 3-(pyrrolidin-1-yl)-	191	C11H13NO2	1000304-91-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125213.D
Acq On : 25 Aug 2021 16:58
Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

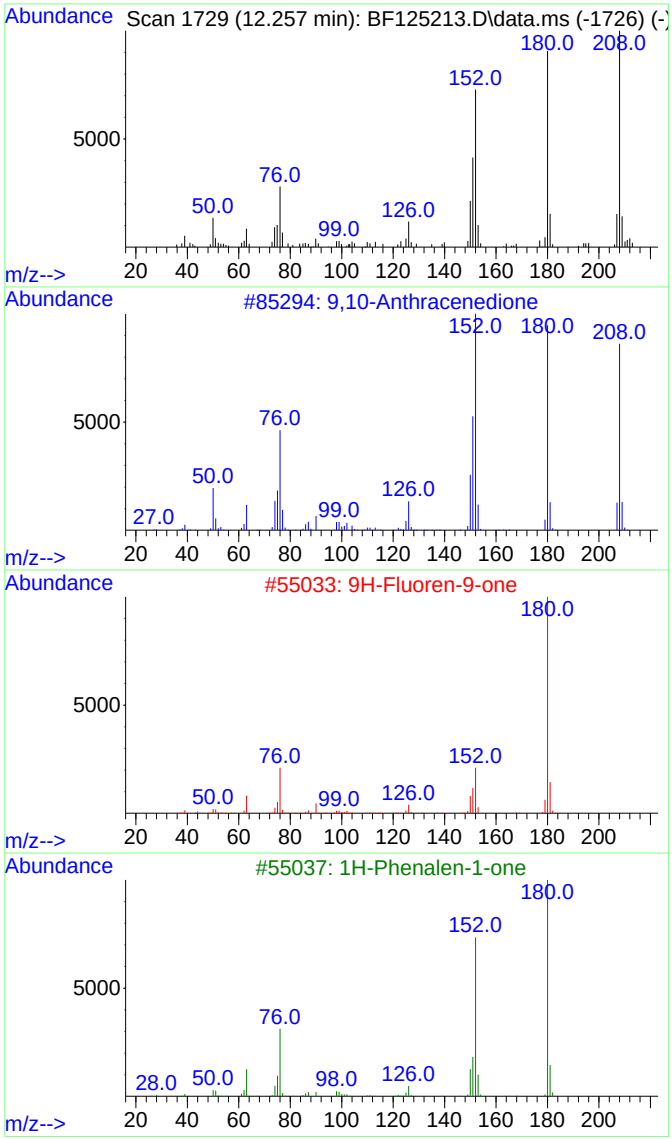
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

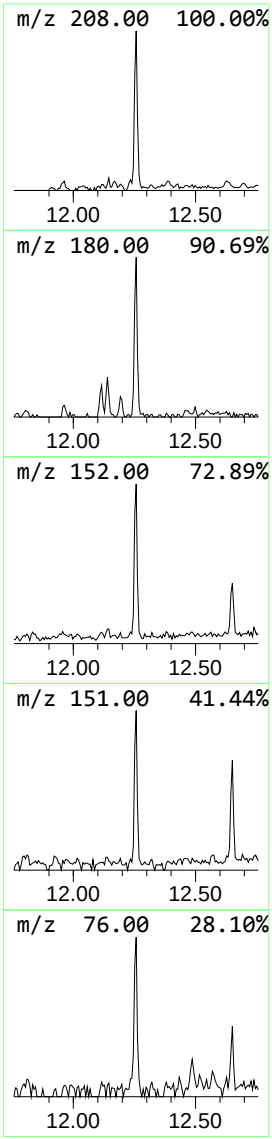
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	2.48 ng	123795	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	50
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49





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Sample : M3467-15
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

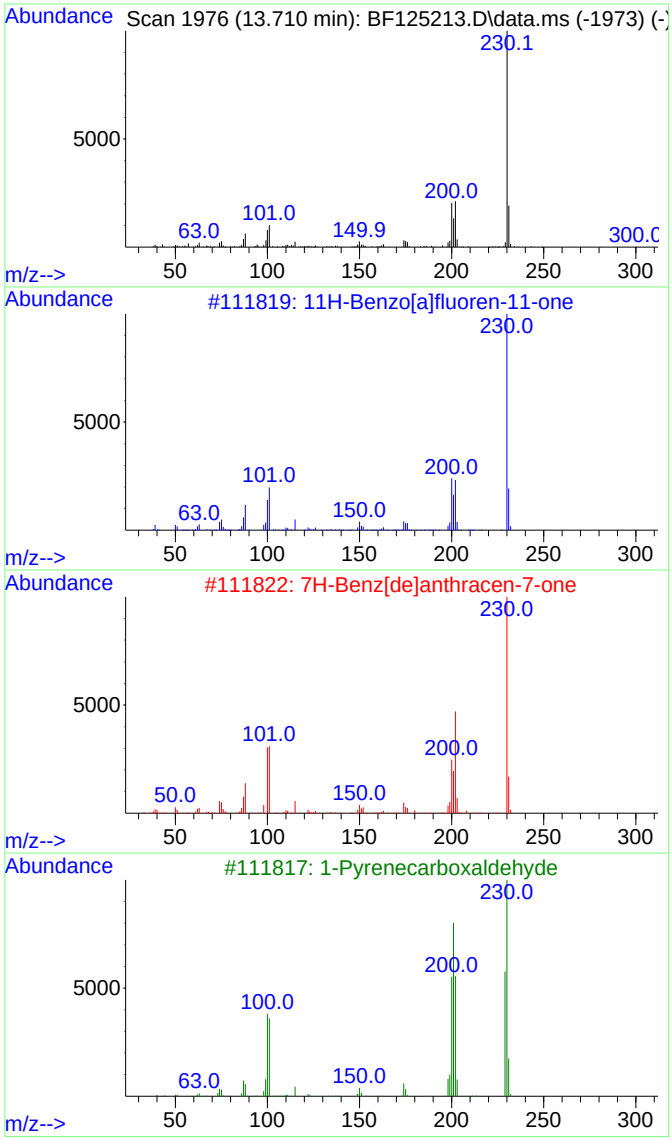
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

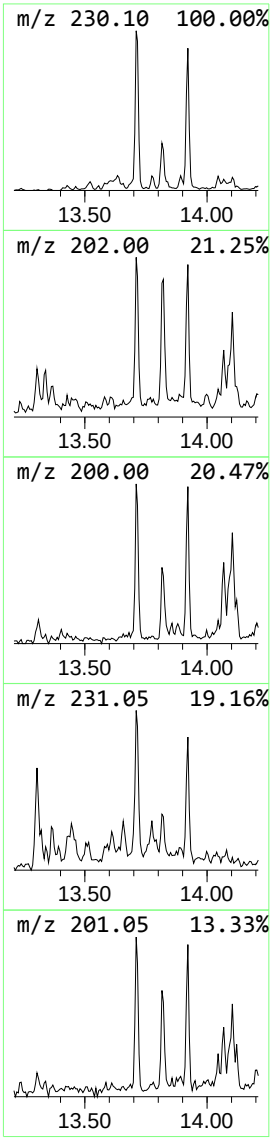
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	2.33 ng	236249	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	o-Terphenyl	230	C18H14	000084-15-1	59





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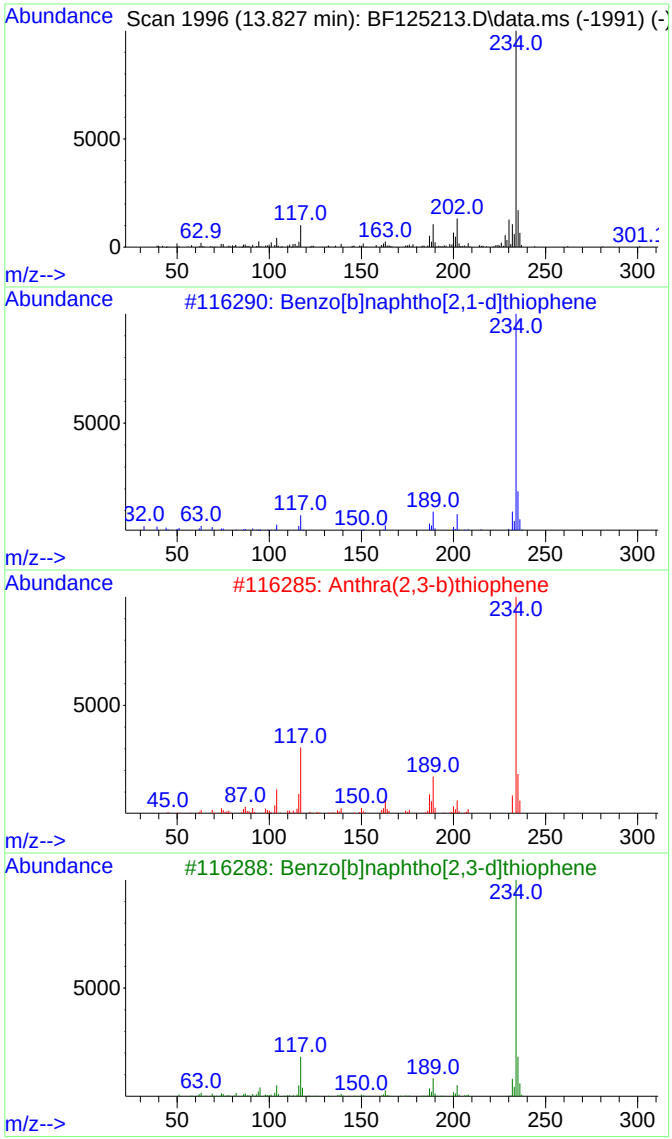
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

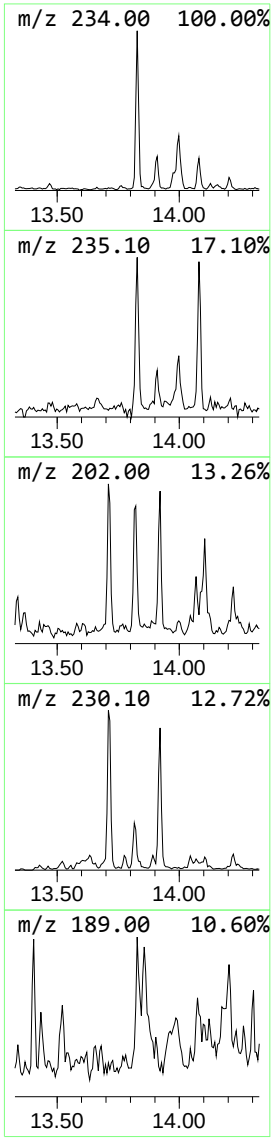
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	2.72 ng	276323	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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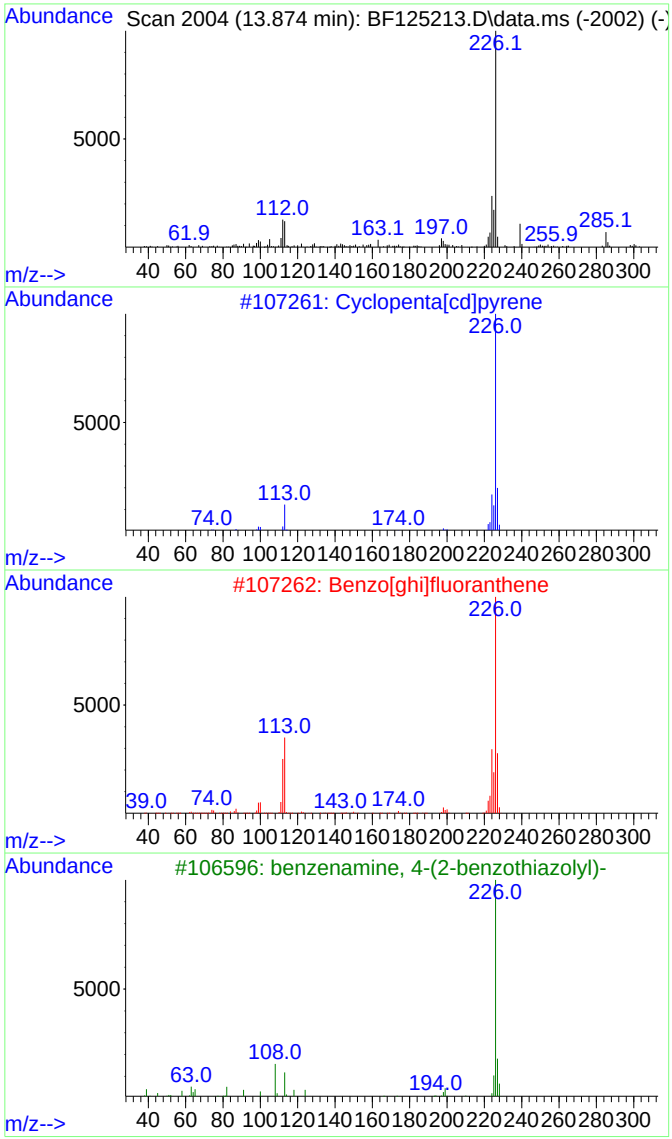
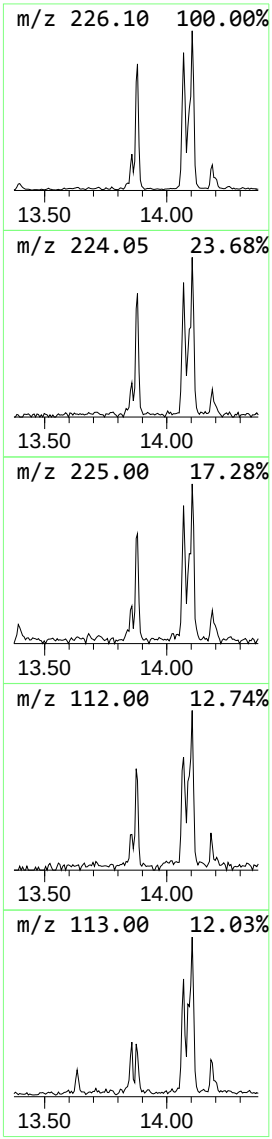
****
Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.09 ng	313362	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	33
5	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	33





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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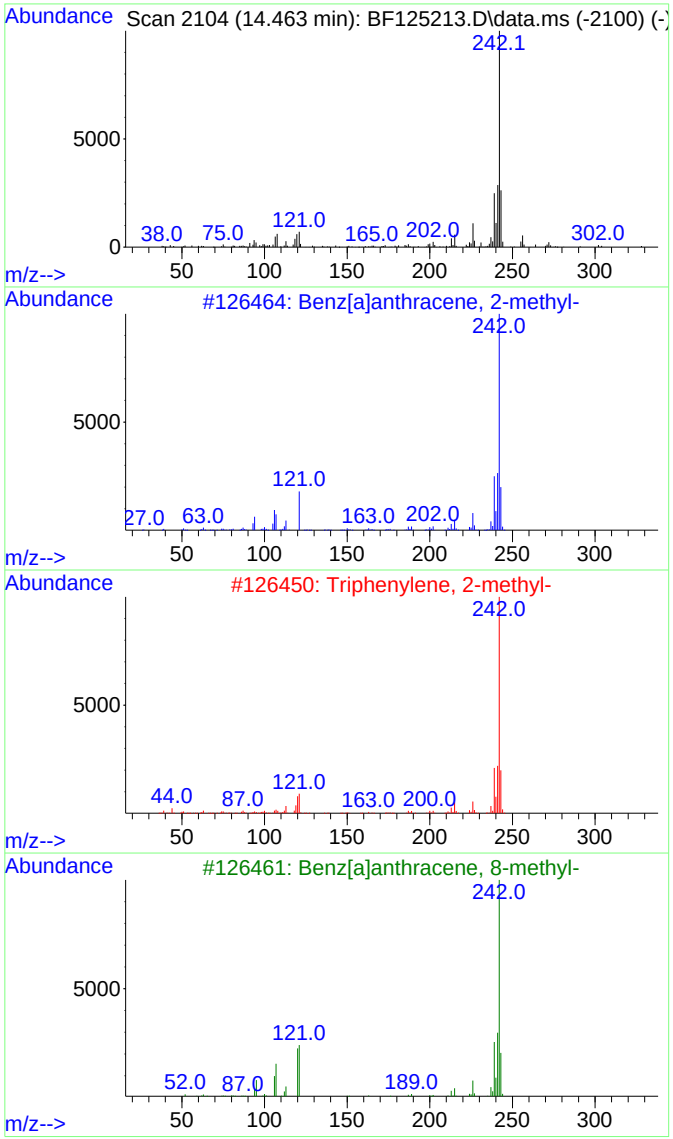
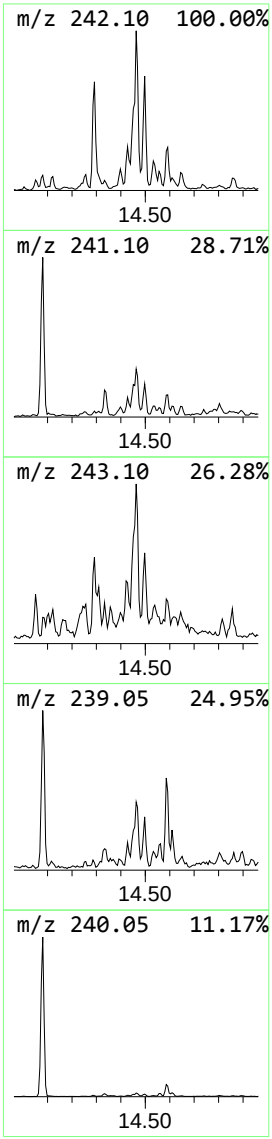
Peak Number 10 Benz[a]anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	2.30 ng	232902	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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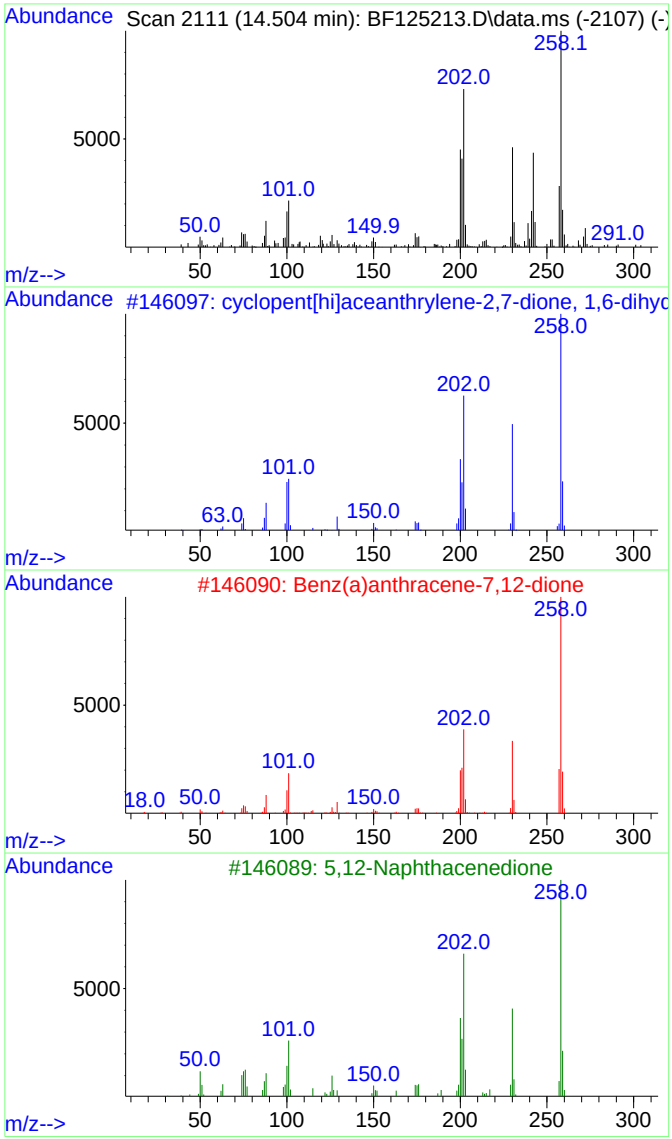
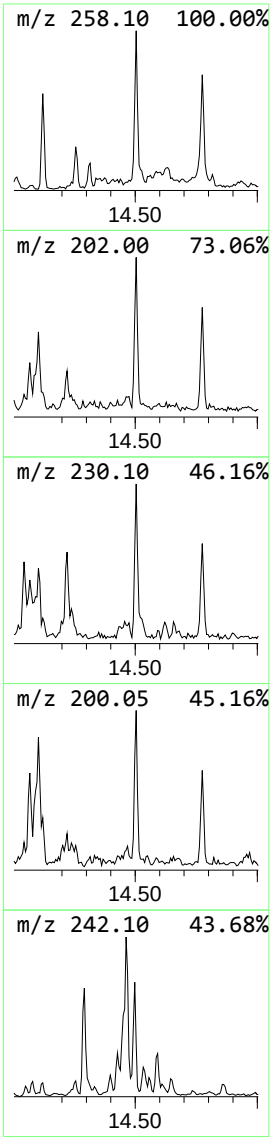
****
Peak Number 11 cyclopent[hi]aceanthrylene-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	2.49 ng	253095	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclopent[hi]aceanthrylene-2,7-d...	258	C18H10O2	1000396-75-6	93
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	55
5	1,2-Dihydro-2,4'-biquinoline	258	C18H14N2	1000326-82-7	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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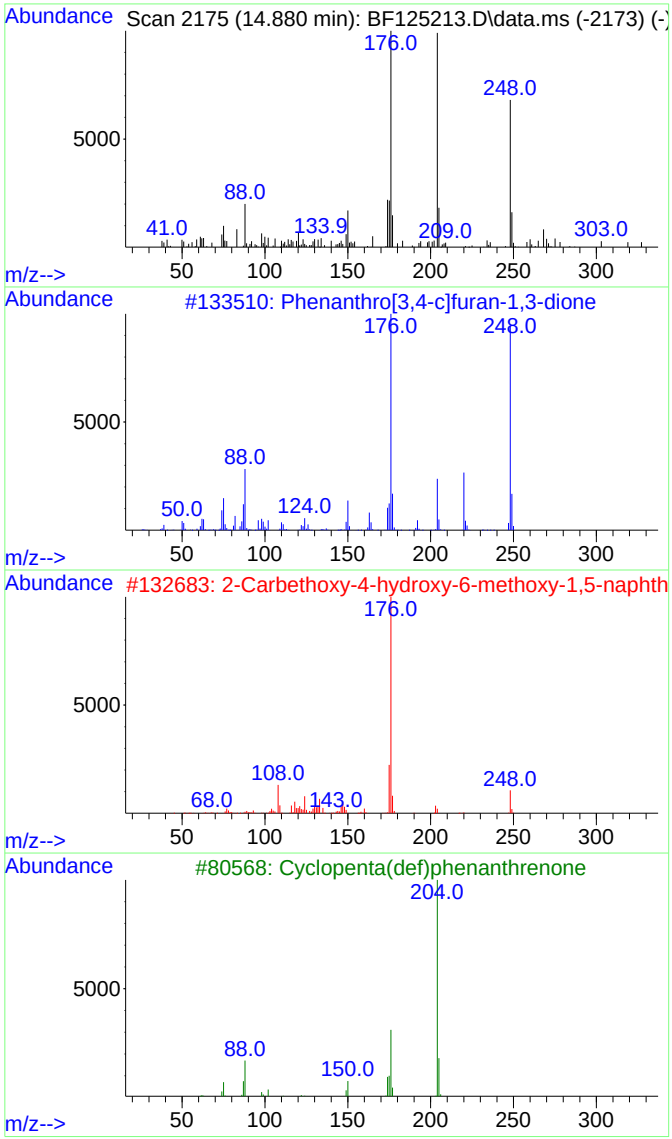
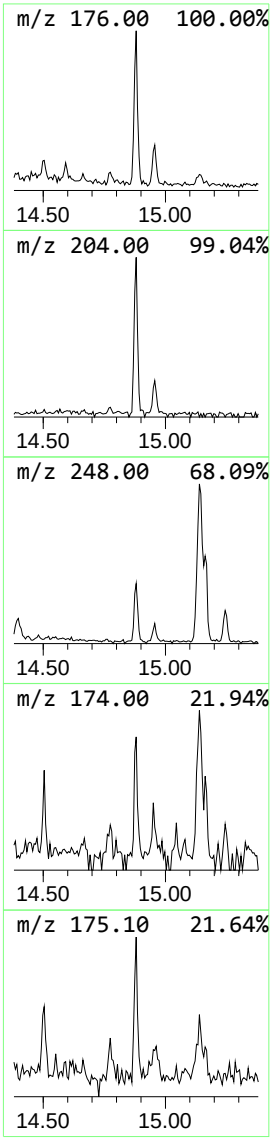
Peak Number 12 unknown14.880 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	2.28 ng	129044	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	49
2	2-Carbethoxy-4-hydroxy-6-methoxy...	248	C12H12N2O4	1000227-07-7	43
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
4	Aceanthrenequinone	232	C16H8O2	006373-11-1	43
5	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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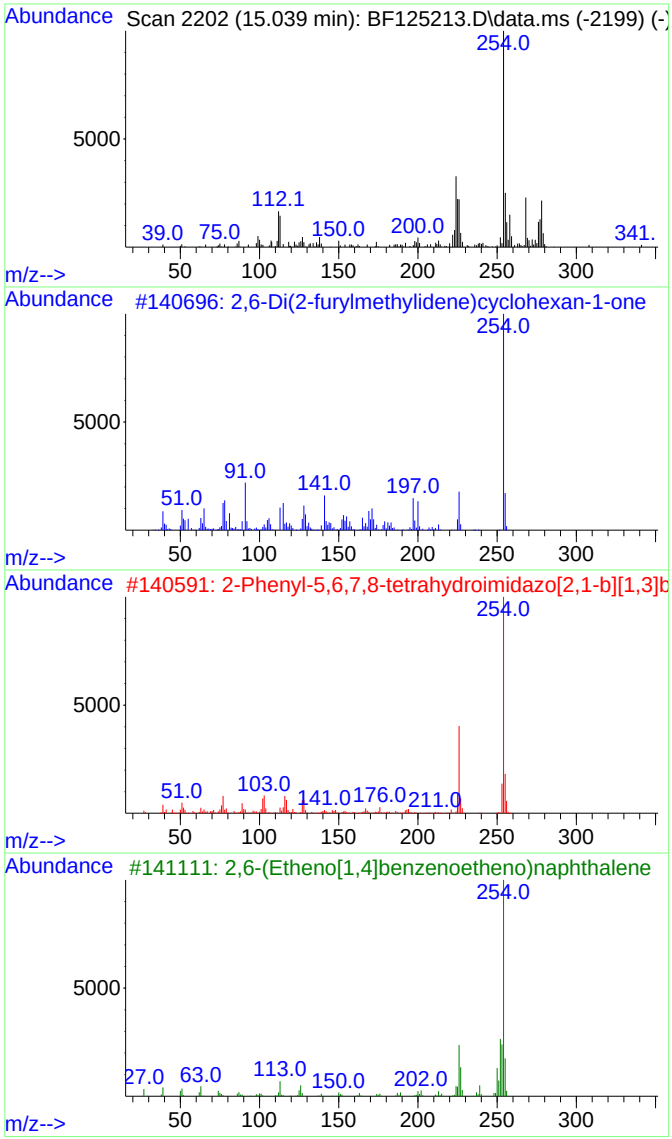
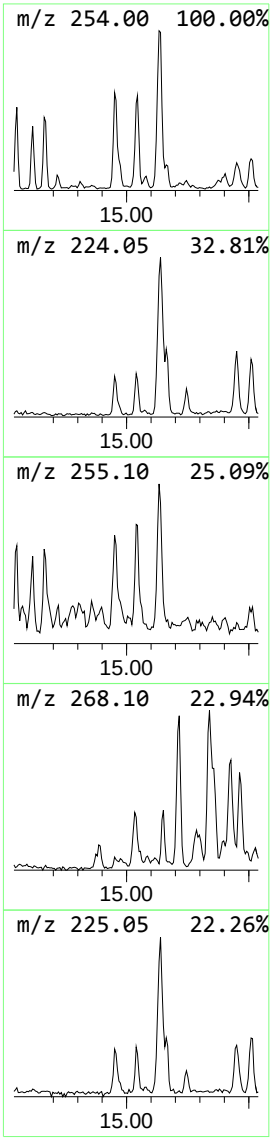
Peak Number 13 unknown15.039 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	2.42 ng	137150	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	43
2	2-Phenyl-5,6,7,8-tetrahydroimida...	254	C15H14N2S	025752-17-4	43
3	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	43
4	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	38
5	2-Aminobenzophenone, N-trimethyl...	269	C16H19NOSi	1010462-54-3	38





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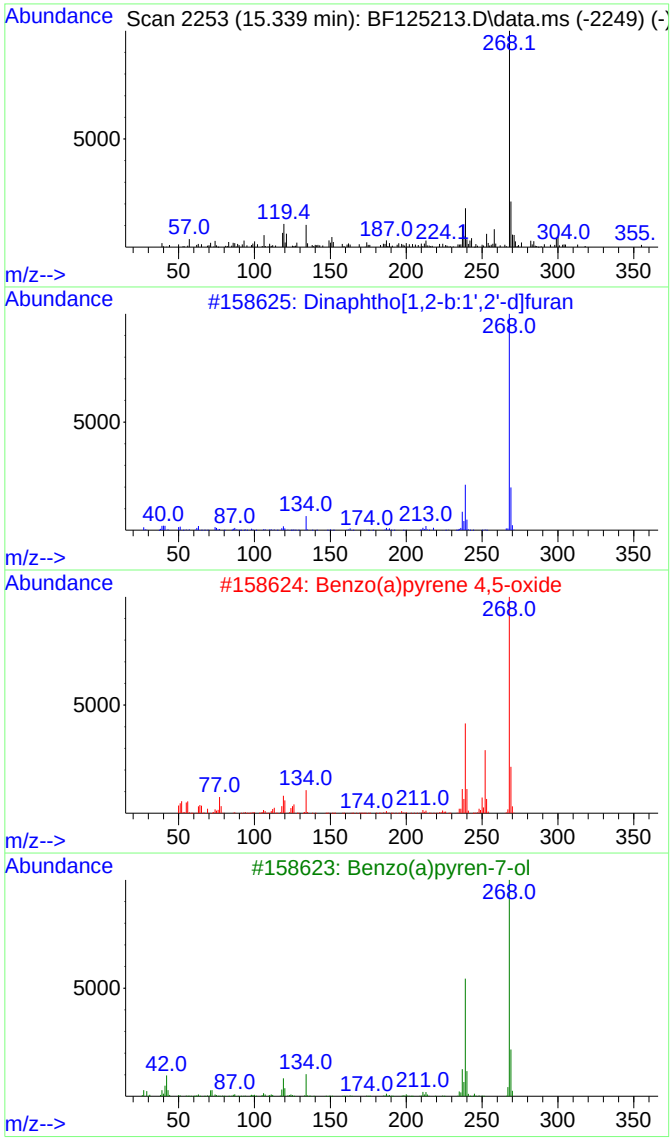
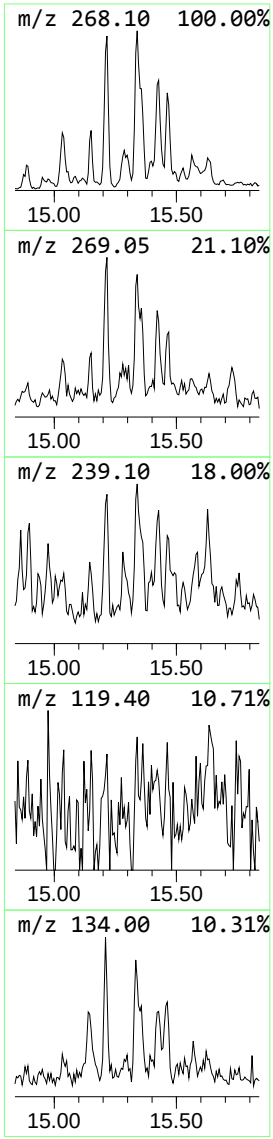
****
Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	4.09 ng	231416	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	72
4	Disperse Blue 1	268	C14H12N4O2	002475-45-8	68
5	Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-17-5	62





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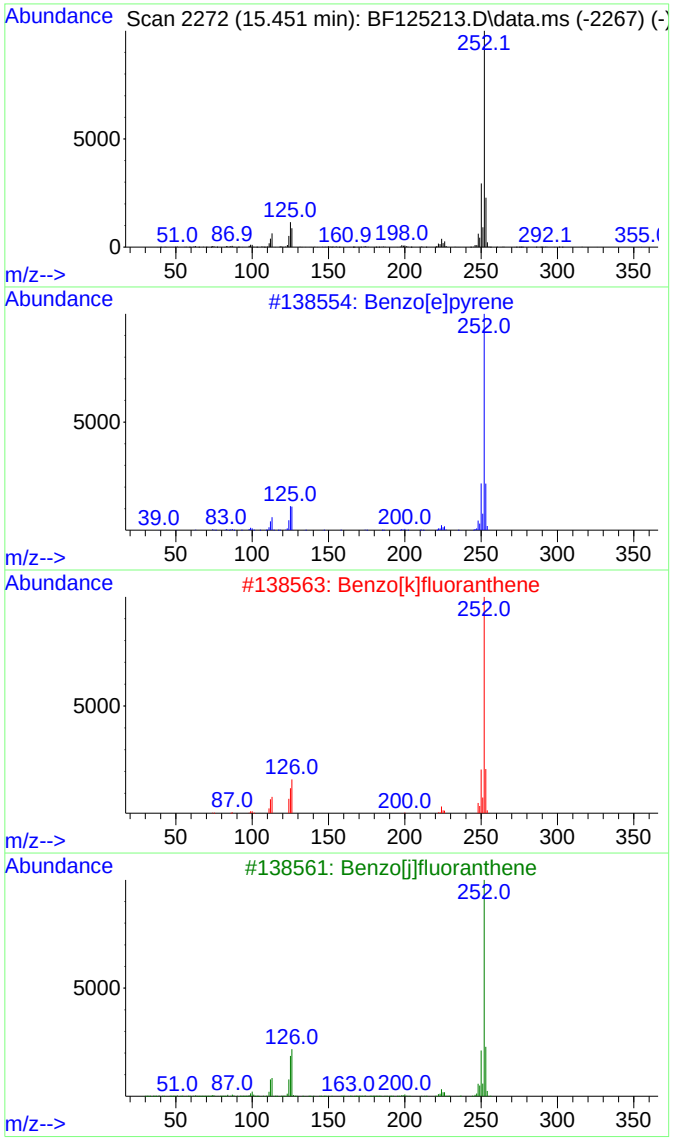
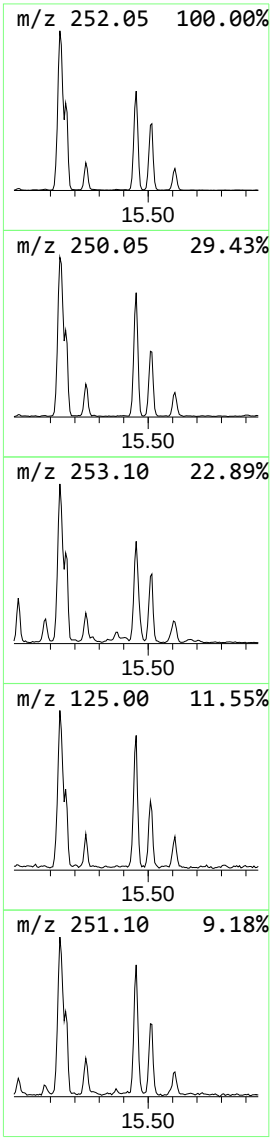
Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	21.88 ng	1238650	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	95





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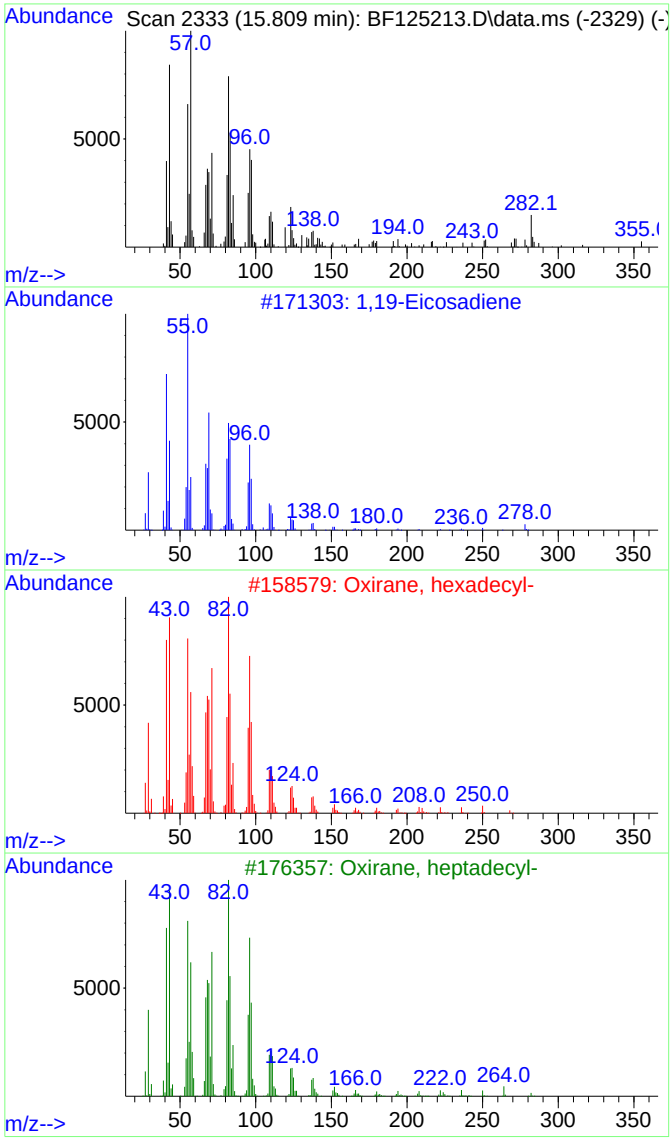
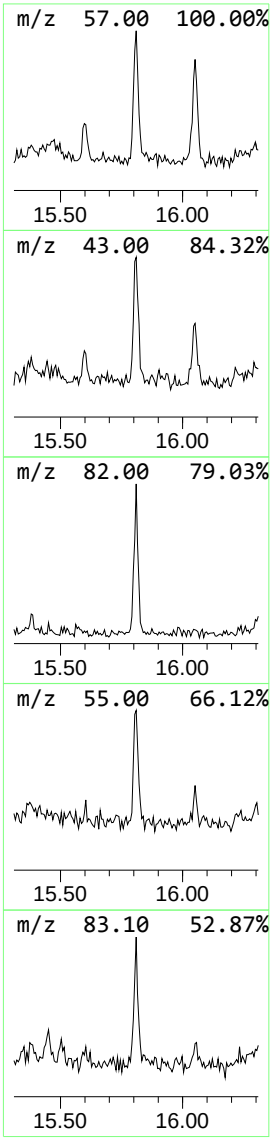
Peak Number 17 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	3.83 ng	216564	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	89
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68
4	Octadecanal	268	C18H36O	000638-66-4	62
5	12-Octadecenal	266	C18H34O	056554-91-7	58





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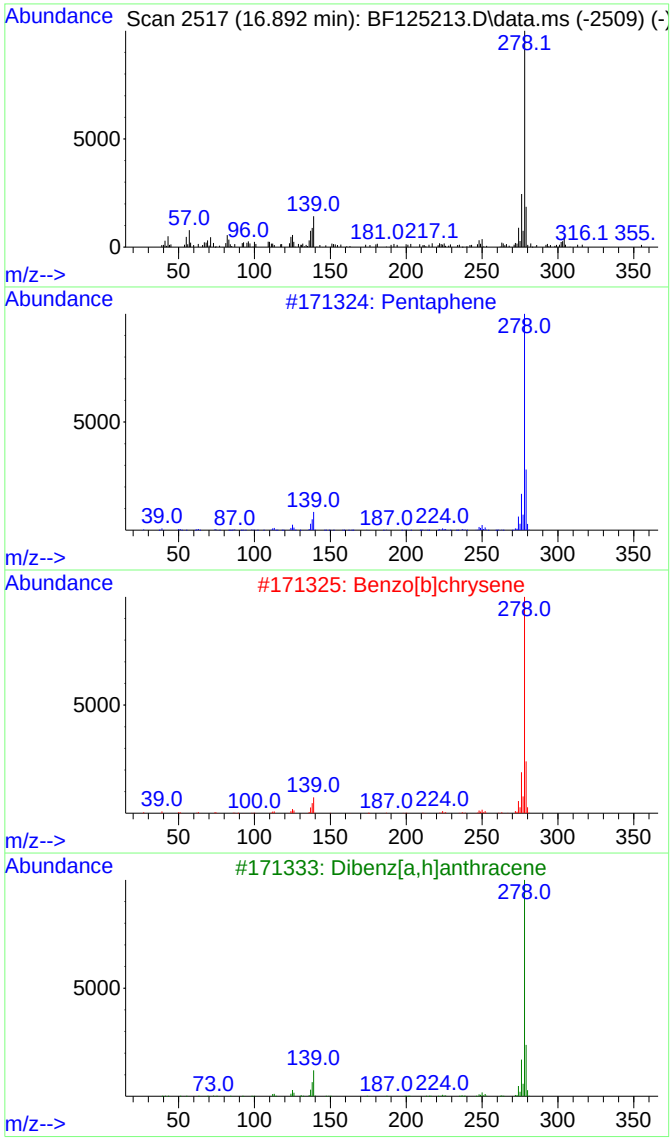
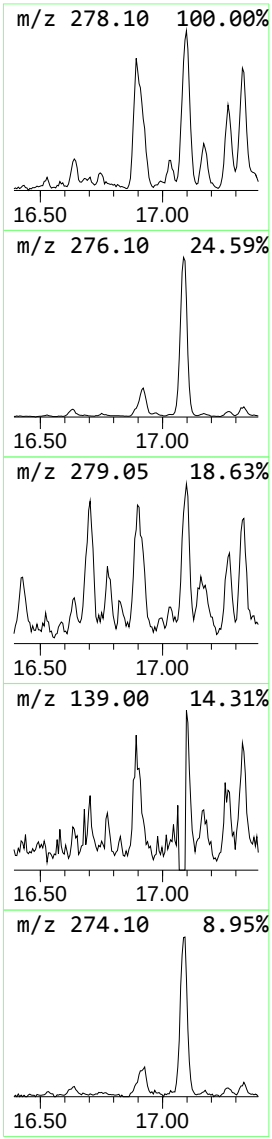
Peak Number 18 Pentaphene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	4.88 ng	276103	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	89
2	Benzo[b]chrysene	278	C22H14	000214-17-5	89
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	76
5	Picene	278	C22H14	000213-46-7	76





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Data File : BF125213.D
Acq On : 25 Aug 2021 16:58
Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

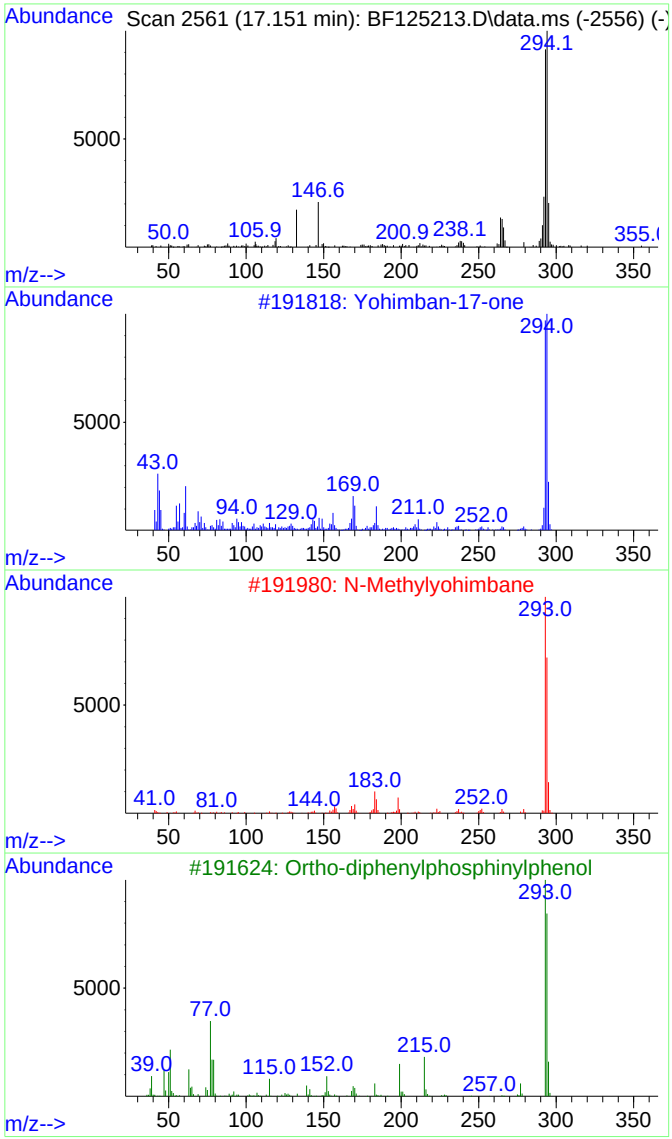
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

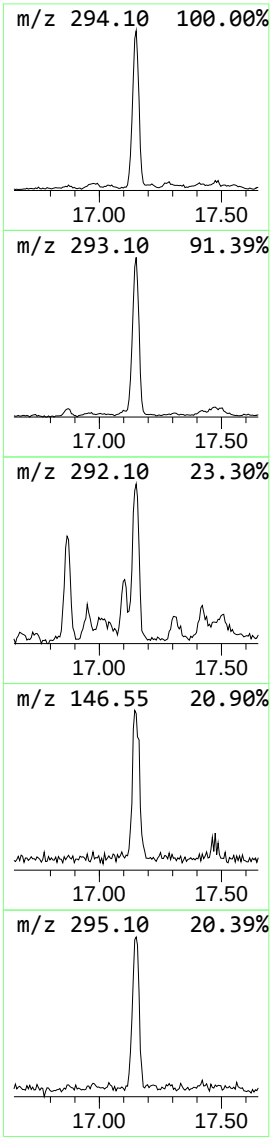
****

Peak Number 19 Yohimban-17-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	10.25 ng	580281	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Yohimban-17-one	294	C19H22N2O	000523-14-8	58
2	N-Methylyohimbane	294	C20H26N2	1000128-76-0	58
3	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	50
4	11-Methyldibenzo(a,c)phenazine	294	C21H14N2	004559-60-8	47
5	2-[(4-Nitrophenyl)amino]naphthal...	294	C16H10N2O4	075112-65-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125213.D
Acq On : 25 Aug 2021 16:58
Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

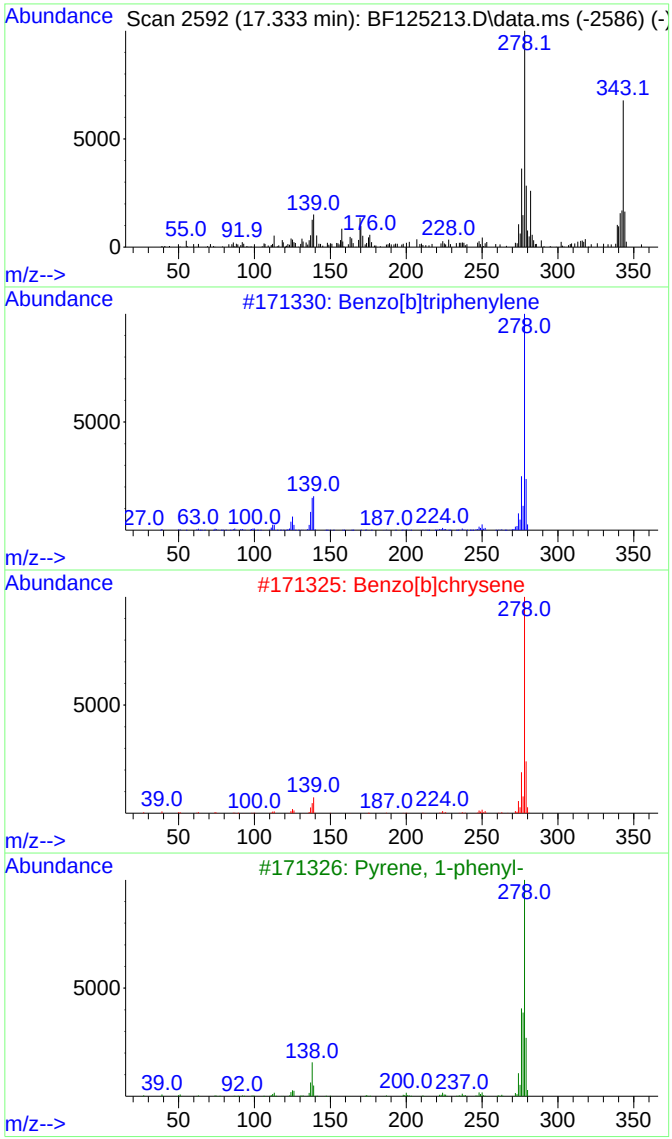
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

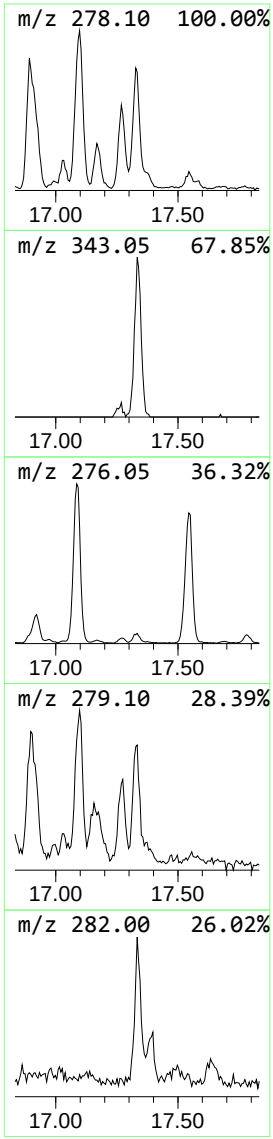
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[b]triphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.333	5.23 ng	295822	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	83
2	Benzo[b]chrysene	278	C22H14	000214-17-5	81
3	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	56
4	Picene	278	C22H14	000213-46-7	49
5	Pentacene	278	C22H14	000135-48-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125213.D
Acq On : 25 Aug 2021 16:58
Operator : JU/CG
Sample : M3467-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-3-(171.00)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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
Butane, 2-metho...	2.216	21.6	ng	916233	1	6.916	846527	20.0
2-Pentanone, 4-...	5.134	2.3	ng	99163	1	6.916	846527	20.0
n-Hexadecanoic ...	11.951	7.3	ng	362974	4	11.433	997112	20.0
4H-Cyclopenta[d...	12.051	2.7	ng	134774	4	11.433	997112	20.0
9,10-Anthracene...	12.257	2.5	ng	123795	4	11.433	997112	20.0
11H-Benzo[a]flu...	13.710	2.3	ng	236249	5	14.080	2029530	20.0
Benzo[b]naphtho...	13.827	2.7	ng	276323	5	14.080	2029530	20.0
Cyclopenta[cd]p...	13.874	3.1	ng	313362	5	14.080	2029530	20.0
Benz[a]anthrace...	14.463	2.3	ng	232902	5	14.080	2029530	20.0
cyclopent[hi]ac...	14.504	2.5	ng	253095	5	14.080	2029530	20.0
unknown14.880	14.880	2.3	ng	129044	6	15.580	1132200	20.0
unknown15.039	15.039	2.4	ng	137150	6	15.580	1132200	20.0
Dinaphtho[1,2-b...	15.339	4.1	ng	231416	6	15.580	1132200	20.0
Benzo[e]pyrene	15.451	21.9	ng	1238650	6	15.580	1132200	20.0
1,19-Eicosadiene	15.810	3.8	ng	216564	6	15.580	1132200	20.0
Pentaphene	16.892	4.9	ng	276103	6	15.580	1132200	20.0
Yohimban-17-one	17.151	10.3	ng	580281	6	15.580	1132200	20.0
Benzo[b]triphen...	17.333	5.2	ng	295822	6	15.580	1132200	20.0