LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115442.D
Acq On : 9 Jul 2019 19:28
Operator : HP/JU
Sample : K3697-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	15	24	31	rBV	1841163	2523014	49.59%	4.417%
2	3.434	226	229	239	rBV	38580	74713	1.47%	0.131%
3	5.522	578	584	587	rBV	3970189	4383447	86.16%	7.674%
4	6.528	747	755	757	rBV	3739521	4598672	90.39%	8.051%
5	6.669	773	779	782	rBV	4416976	4652494	91.45%	8.145%
6	6.892	814	817	821	rVB	1213974	1045108	20.54%	1.830%
7	7.051	840	844	848	rBV	3613224	3504580	68.88%	6.135%
8	7.451	907	912	915	rBV	2682971	3034242	59.64%	5.312%
9	8.175	1031	1035	1038	rBV	1582410	1337120	26.28%	2.341%
10	9.251	1213	1218	1221	rBV	5167899	4863511	95.59%	8.514%
11	9.639	1280	1284	1293	rVB	1041344	854685	16.80%	1.496%
12	9.786	1306	1309	1314	rBV	94404	76272	1.50%	0.134%
13	9.927	1329	1333	1337	rBV	1747565	1584438	31.14%	2.774%
14	10.716	1462	1467	1470	rBV	3478581	3454845	67.91%	6.048%
15	11.410	1581	1585	1588	rBV	1851869	1748231	34.36%	3.061%
16	11.433	1588	1589	1592	rVV	289083	179051	3.52%	0.313%
17	11.480	1592	1597	1601	rVB	79095	95166	1.87%	0.167%
18	11.910	1667	1670	1672	rBV	74942	68627	1.35%	0.120%
19	11.939	1672	1675	1681	rVV	511277	453159	8.91%	0.793%
20	12.021	1686	1689	1692	rVV	133373	167963	3.30%	0.294%
21	12.045	1692	1693	1698	rVB	76148	51958	1.02%	0.091%
22	12.463	1761	1764	1767	rBV	113504	111919	2.20%	0.196%
23	12.504	1767	1771	1776	rVB3	79005	137943	2.71%	0.241%
24	12.545	1776	1778	1784	rBV3	69690	82488	1.62%	0.144%
25	12.627	1788	1792	1795	rBV	795241	657864	12.93%	1.152%
26	12.733	1806	1810	1816	rBV3	267681	369668	7.27%	0.647%
27	12.863	1826	1832	1835	rBV	736041	775680	15.25%	1.358%
28	12.921	1838	1842	1846	rVB3	50699	77384	1.52%	0.135%
29	13.016	1853	1858	1861	rBV	4914993	5087711	100.00%	8.907%
30	13.086	1866	1870	1874	rBV2	102134	140460	2.76%	0.246%
31	13.180	1883	1886	1888	rBV3	82316	115535	2.27%	0.202%
32	13.198	1888	1889	1893	rVB	123580	108692	2.14%	0.190%
33	13.268	1893	1901	1904	rBV3	96590	160139	3.15%	0.280%
34	13.310	1905	1908	1912	rBV	133566	136089	2.67%	0.238%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RBR-200035

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.410	1922	1925	1928	rBV	103879	88265	1.73%	0.155%
36	13.439	1928	1930	1934	rBV	86544	86621	1.70%	0.152%
37	13.521	1940	1944	1950	rVB6	41029	81304	1.60%	0.142%
38	13.739	1978	1981	1987	rVB	93821	136225	2.68%	0.238%
39	13.863	1997	2002	2006	rBV2	88379	145952	2.87%	0.256%
40	13.921	2010	2012	2016	rVV2	65281	84403	1.66%	0.148%
41	13.968	2017	2020	2021	rVV2	60390	72334	1.42%	0.127%
42	13.992	2021	2024	2041	rVB4	395627	963272	18.93%	1.686%
43	14.145	2044	2050	2053	rVV2	1426164	1887716	37.10%	3.305%
44	14.174	2053	2055	2061	rVB	420584	402318	7.91%	0.704%
45	14.351	2082	2085	2088	rBV2	69005	68337	1.34%	0.120%
46	14.392	2088	2092	2095	rVV3	65603	77515	1.52%	0.136%
47	14.439	2096	2100	2104	rVV5	68286	112815	2.22%	0.197%
48	14.480	2104	2107	2111	rVV	71307	75845	1.49%	0.133%
49	14.545	2112	2118	2121	rVV2	109599	195744	3.85%	0.343%
50	14.586	2121	2125	2129	rVB	159687	193432	3.80%	0.339%
51	14.627	2129	2132	2136	rBV2	76911	84514	1.66%	0.148%
52	14.710	2141	2146	2152	rVB3	156698	289065	5.68%	0.506%
53	14.898	2173	2178	2182	rBV	319808	523598	10.29%	0.917%
54	15.068	2203	2207	2210	rVB2	148888	159748	3.14%	0.280%
55	15.304	2242	2247	2250	rBV	383256	608130	11.95%	1.065%
56	15.421	2263	2267	2272	rBV2	251123	340895	6.70%	0.597%
57	15.615	2296	2300	2305	rVB	238352	294930	5.80%	0.516%
58	15.680	2306	2311	2317	rVV	337669	476432	9.36%	0.834%
59	15.751	2318	2323	2326	rVV	885588	1176056	23.12%	2.059%
60	15.780	2326	2328	2331	rVV	109266	139811	2.75%	0.245%
61	15.827	2332	2336	2345	rVB	253719	406733	7.99%	0.712%
62	16.286	2409	2414	2418	rBV	185287	274015	5.39%	0.480%
63	16.809	2498	2503	2510	rBV	115672	210411	4.14%	0.368%
64	17.245	2572	2577	2588	rVB2	161496	341645	6.72%	0.598%
65	17.427	2603	2608	2613	rBV2	59823	116740	2.29%	0.204%
66	17.698	2647	2654	2665	rVB	137418	294077	5.78%	0.515%

Sum of corrected areas: 57121766

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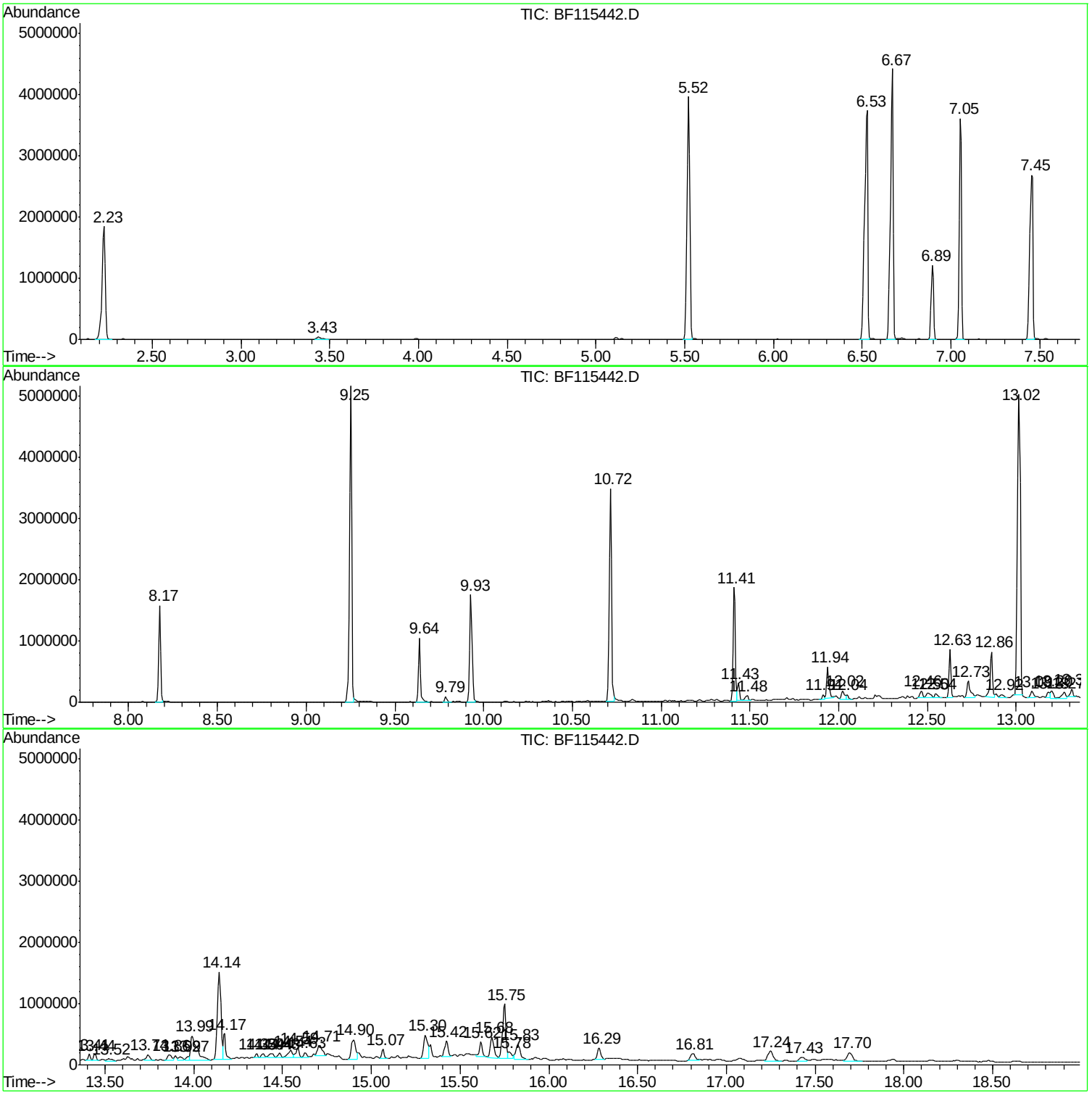
Instrument : BNA_F
ClientSampleId : RBR-200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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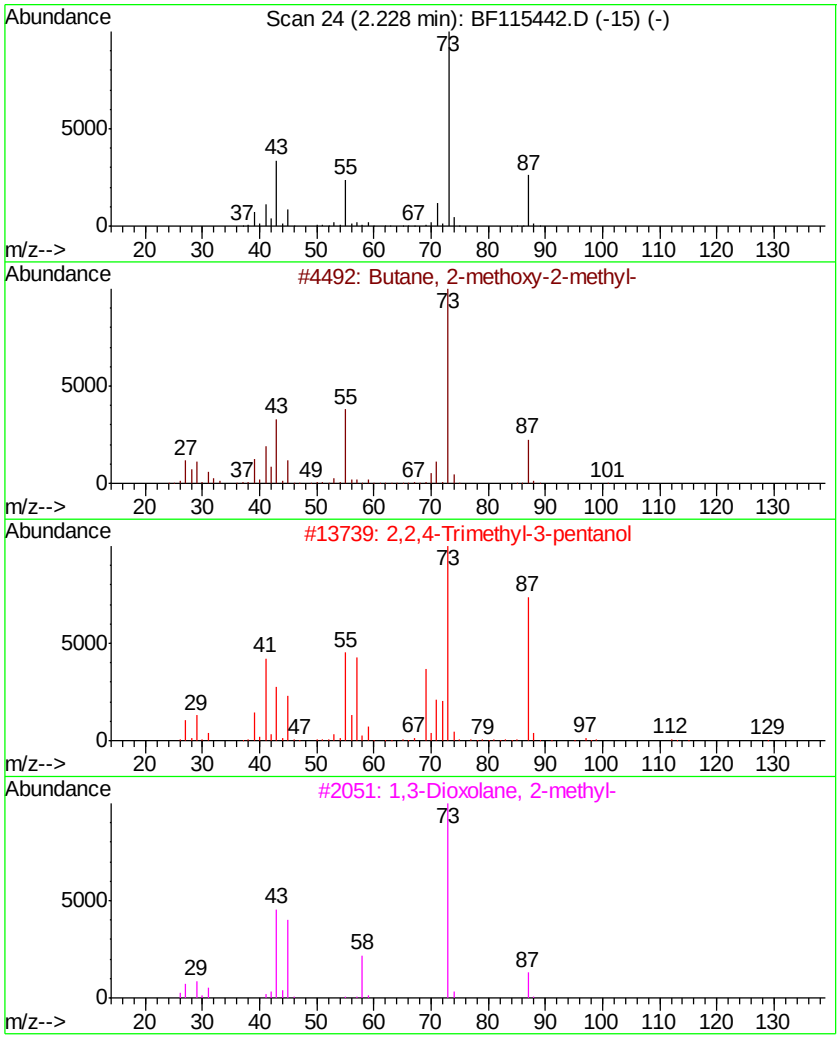
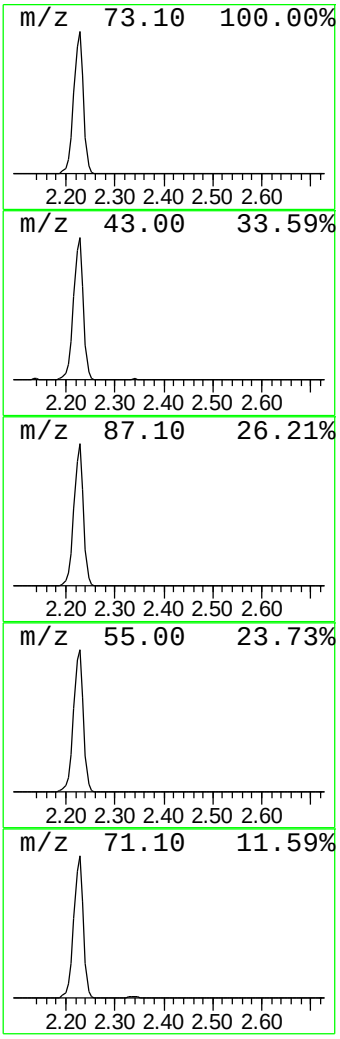
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	48.28 ng	2523010	1,4-Dichlorobenzene-d4	6.89

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Operator : HP/JU
Sample : K3697-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

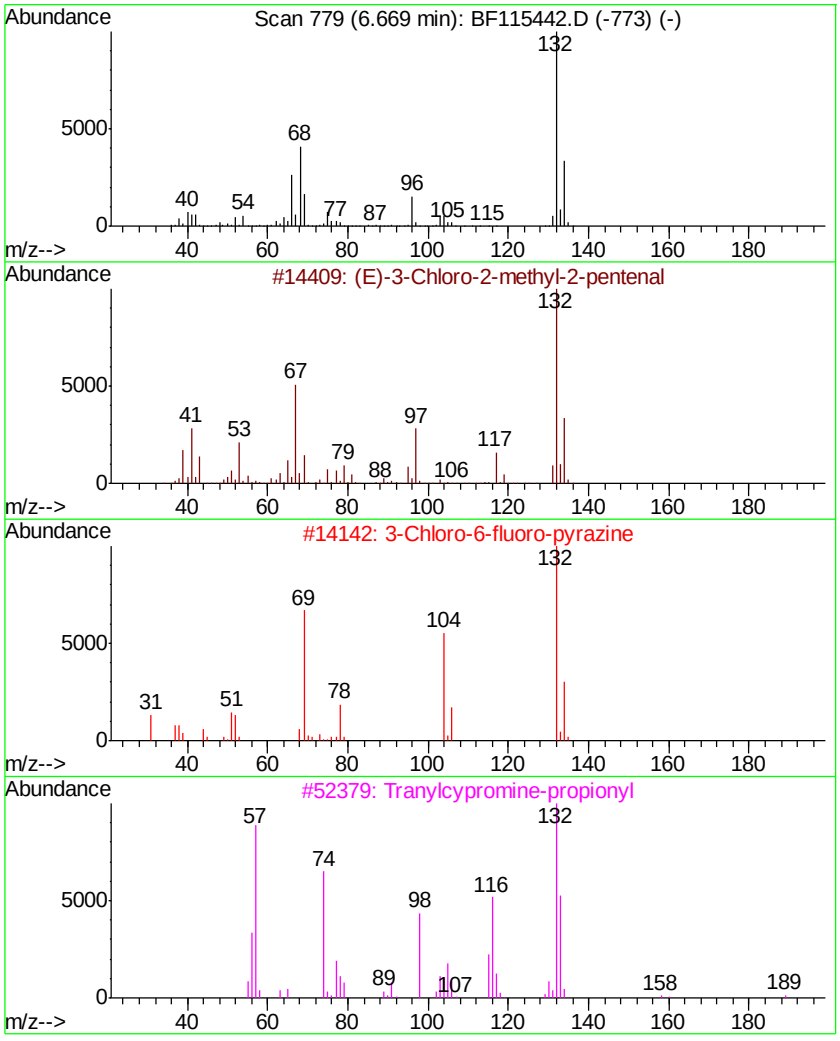
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

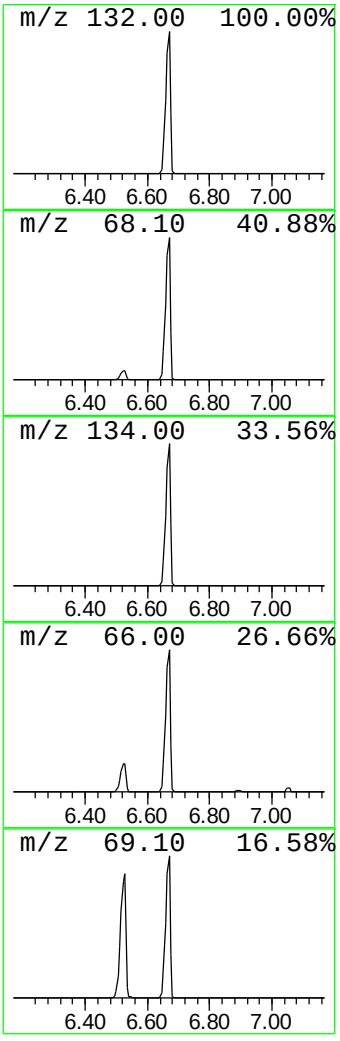
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	89.03 ng	4652490	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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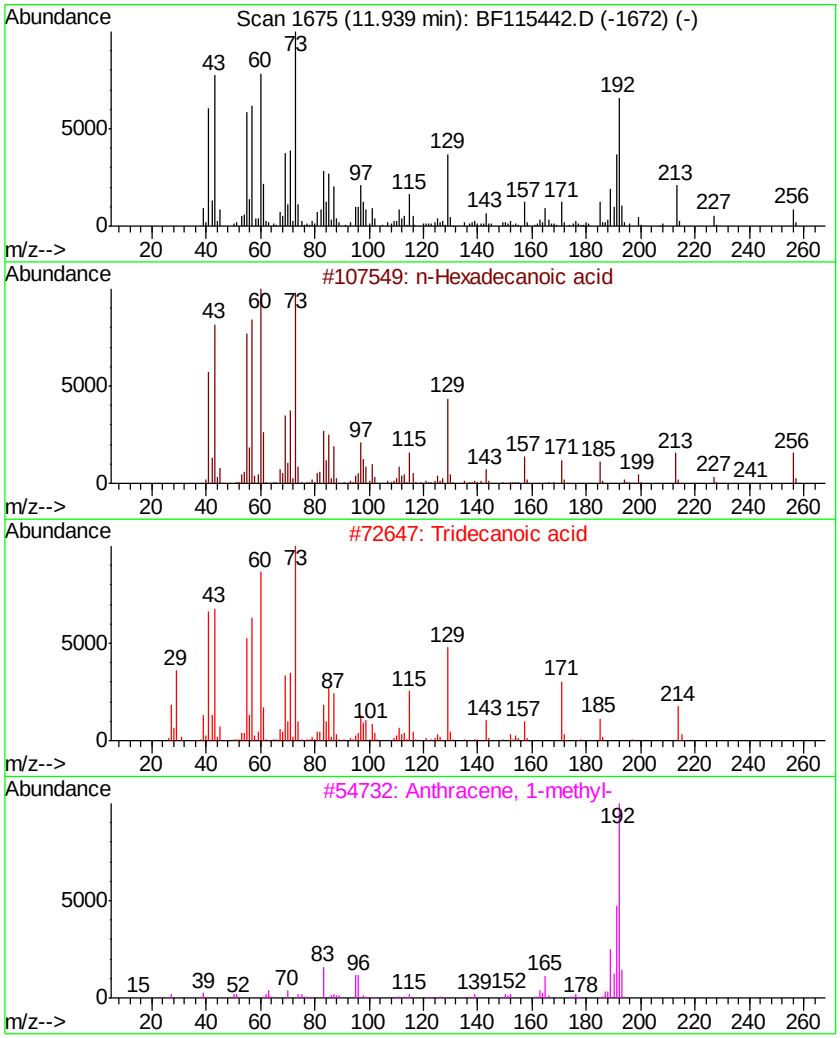
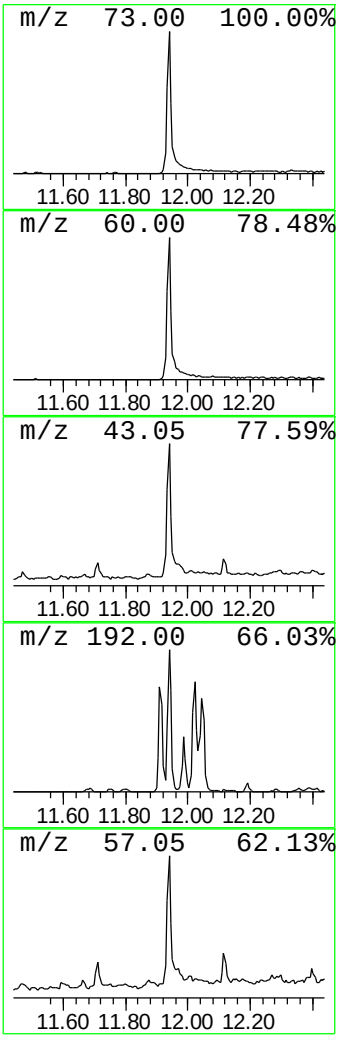
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.18 ng	453159	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59





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Instrument : BNA_F
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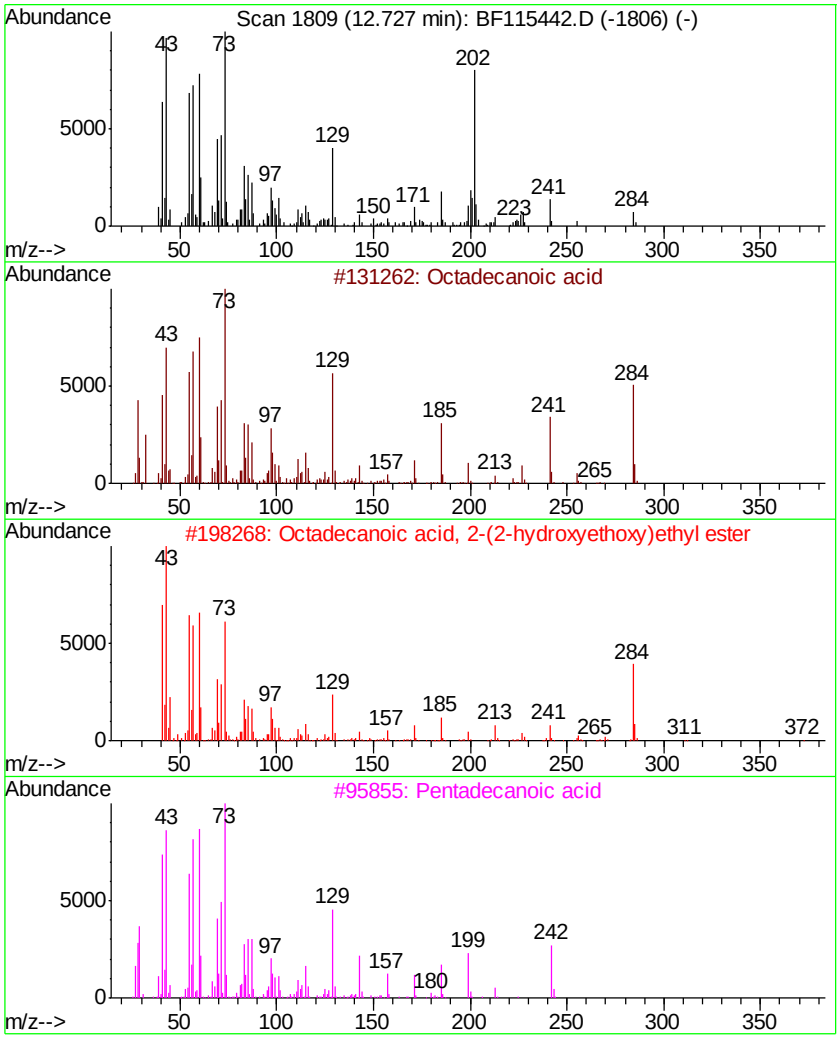
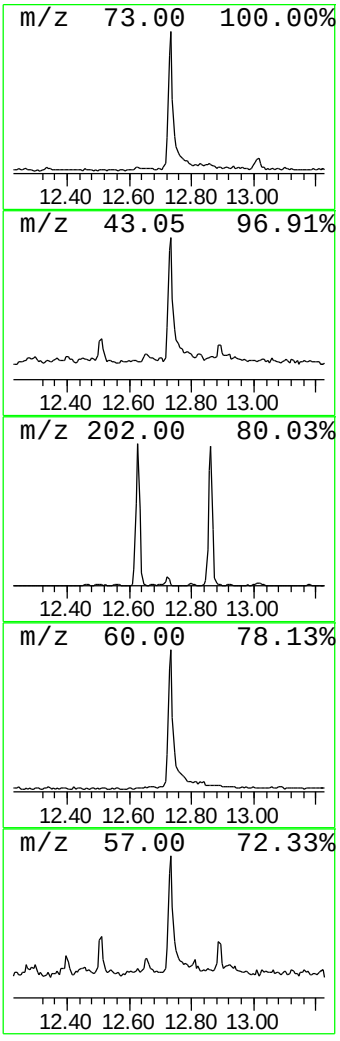
Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.23 ng	369668	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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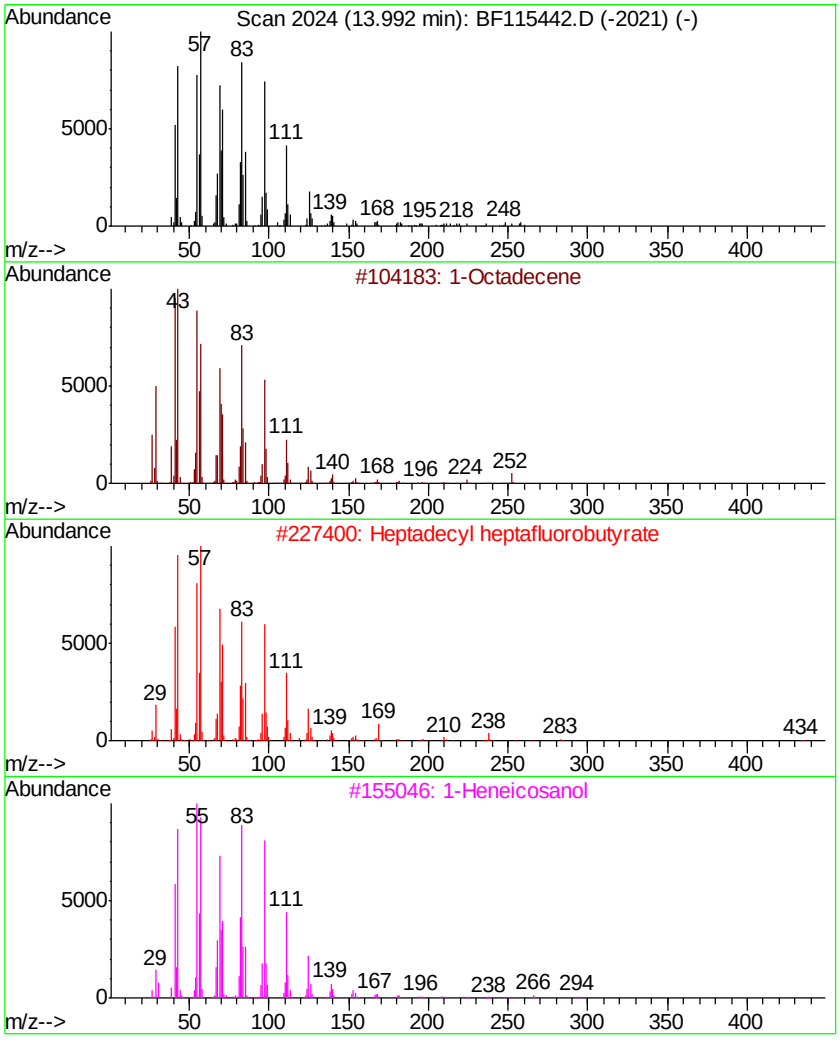
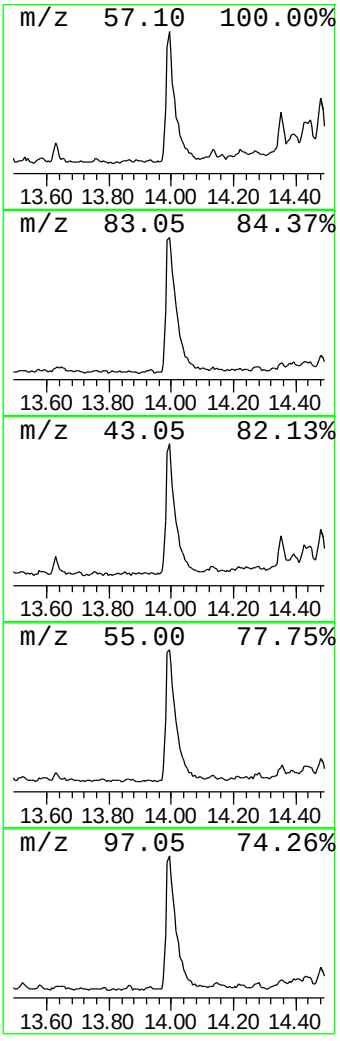
****

Peak Number 6 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	10.21 ng	963272	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93





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

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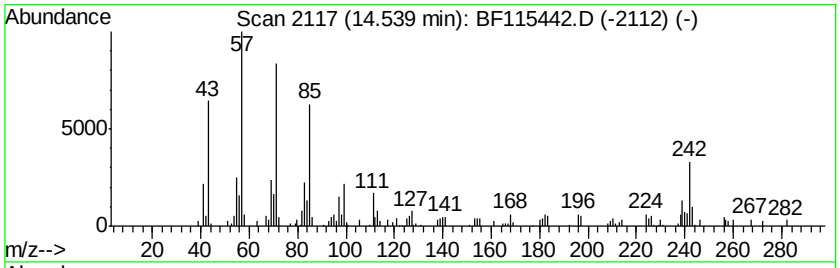
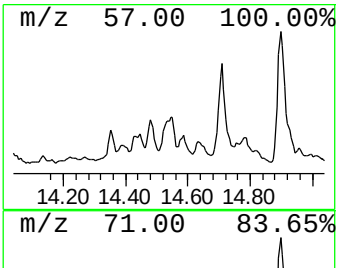
Peak Number 7 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.07 ng	195744	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	84
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	53
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52
5	Tetratetracontane	619	C44H90	007098-22-8	52





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

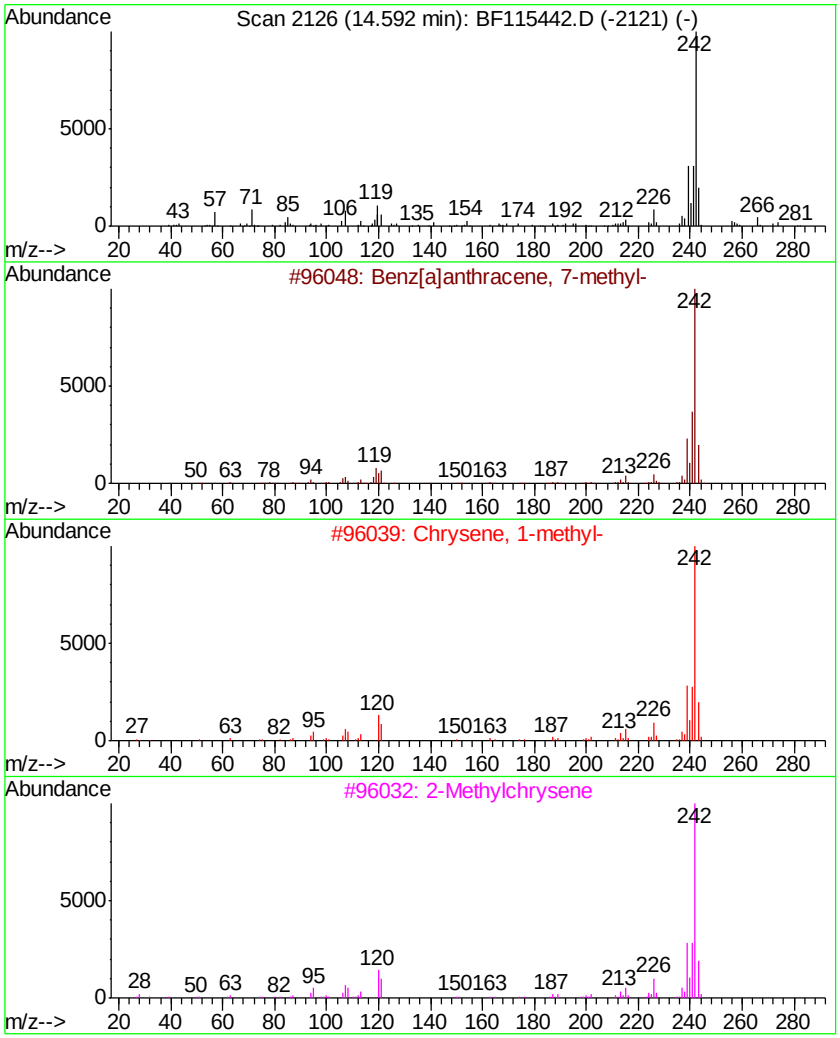
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

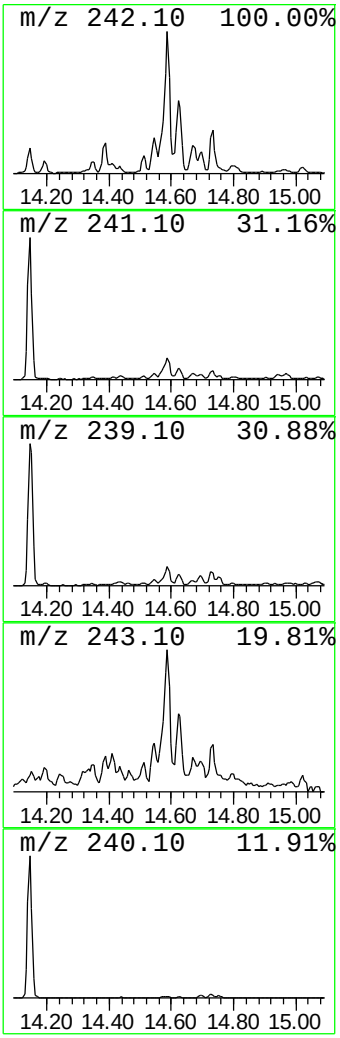
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.05 ng	193432	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89





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Acq On : 9 Jul 2019 19:28
Operator : HP/JU
Sample : K3697-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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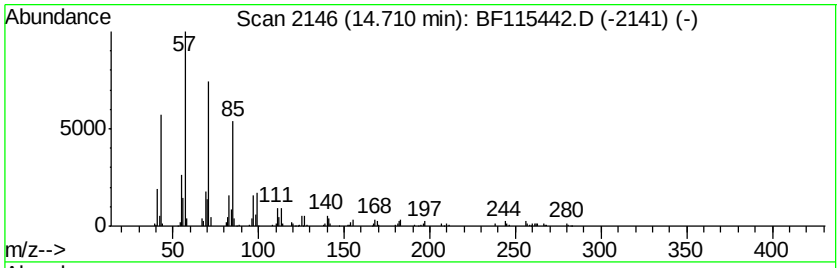
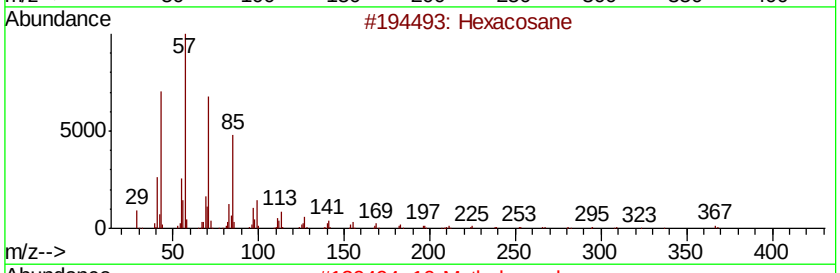
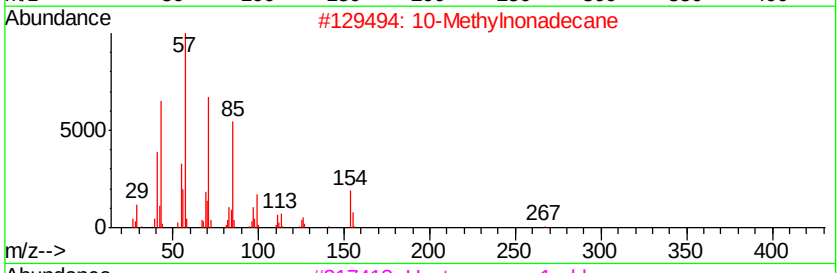
Peak Number 9 Hexacosane Concentration Rank 14

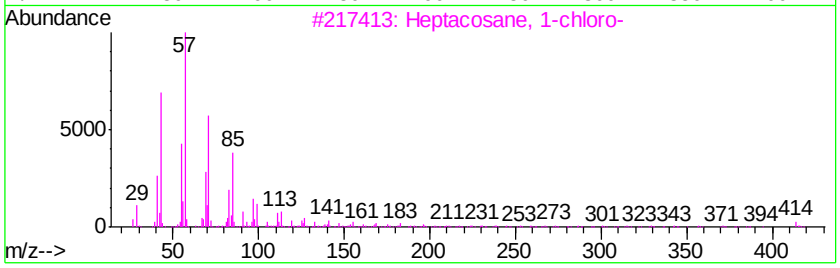
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.06 ng	289065	Chrysene-d12	14.14

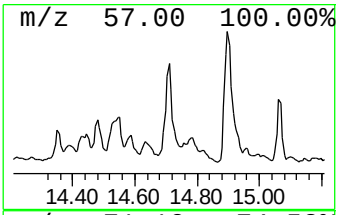
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90

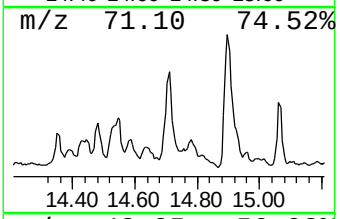


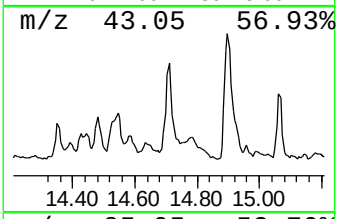


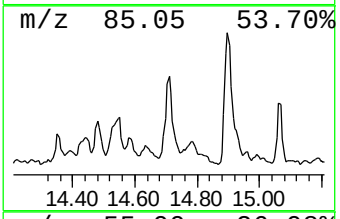


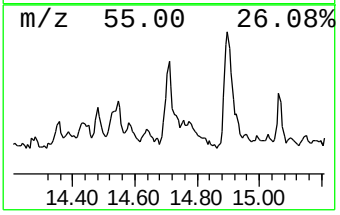












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Acq On : 9 Jul 2019 19:28
Operator : HP/JU
Sample : K3697-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

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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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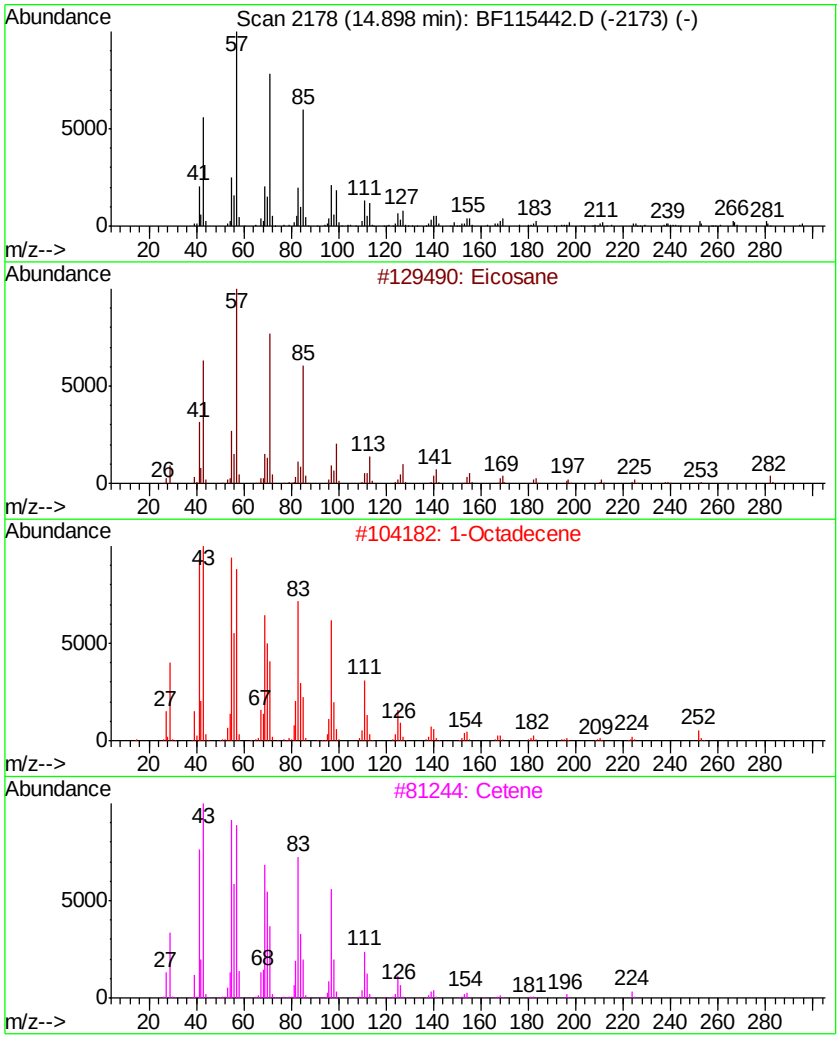
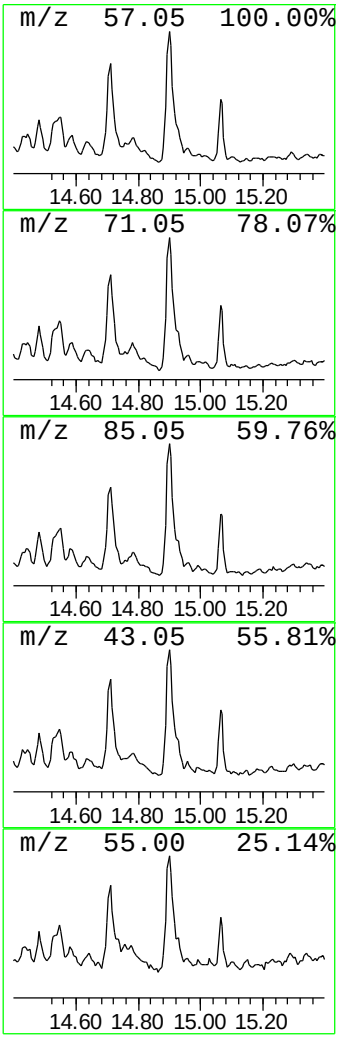
Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	5.55 ng	523598	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	1-Octadecene	252	C18H36	000112-88-9	92
3	Cetene	224	C16H32	000629-73-2	92
4	Heptadecane	240	C17H36	000629-78-7	89
5	Nonadecane	268	C19H40	000629-92-5	89





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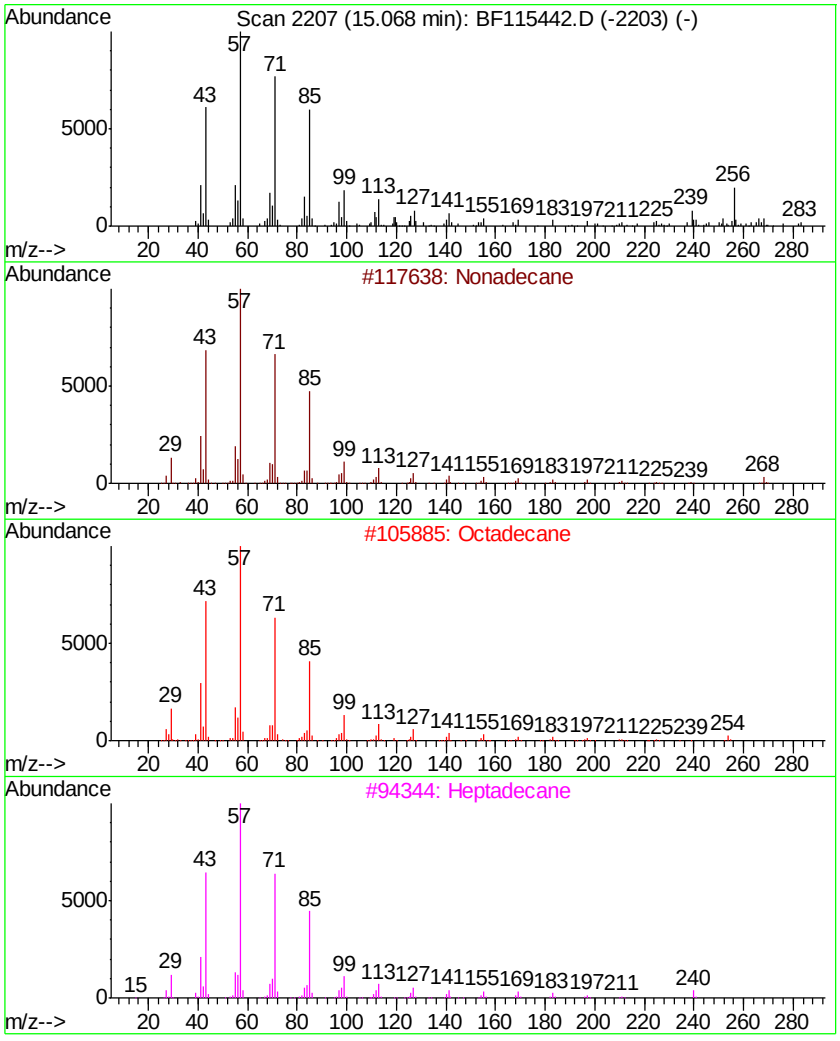
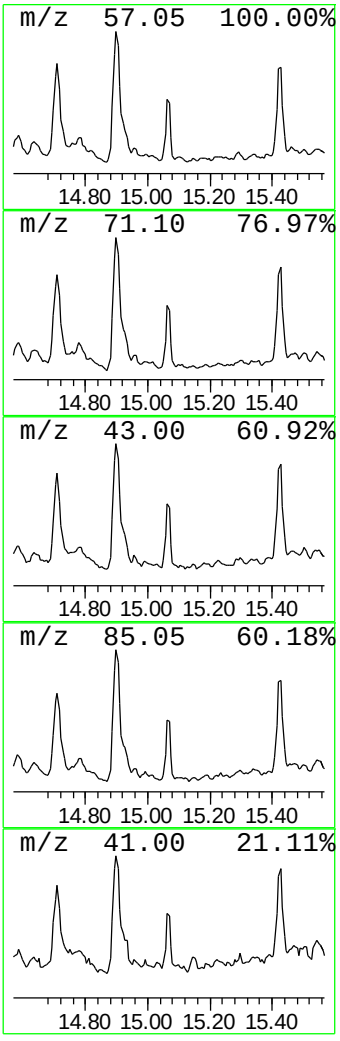
Peak Number 11 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.72 ng	159748	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octadecane	254	C18H38	000593-45-3	96
3	Heptadecane	240	C17H36	000629-78-7	93
4	Eicosane	282	C20H42	000112-95-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	81





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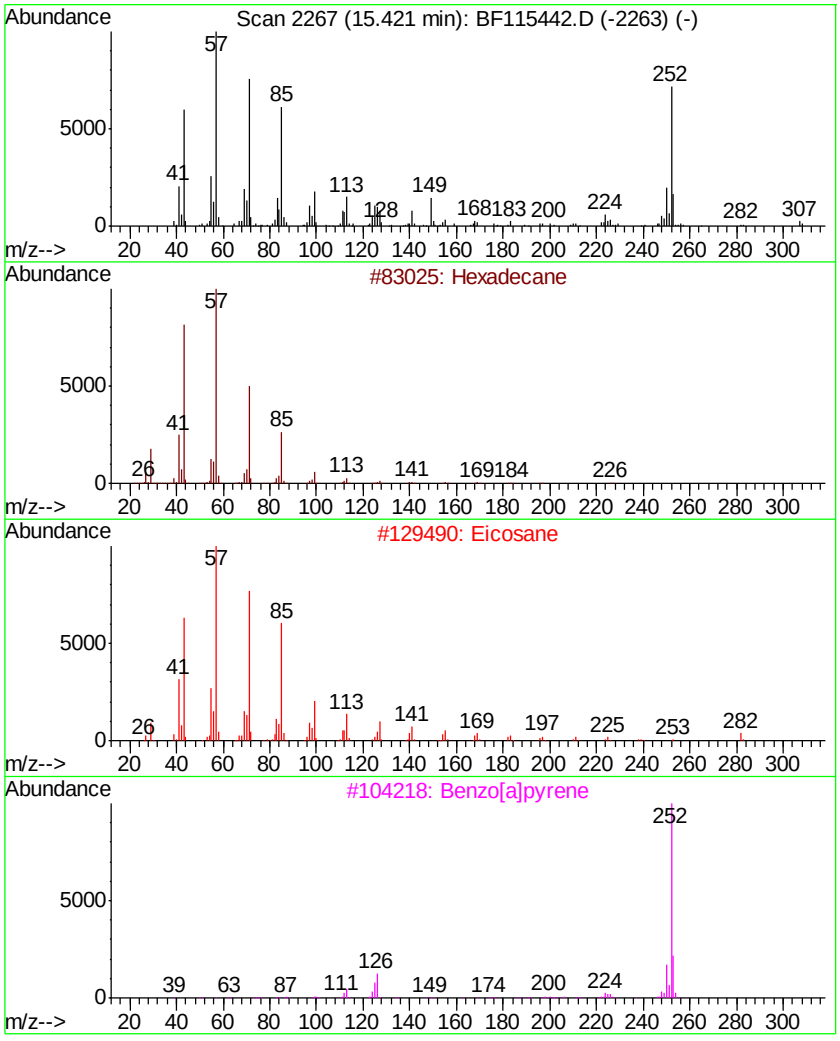
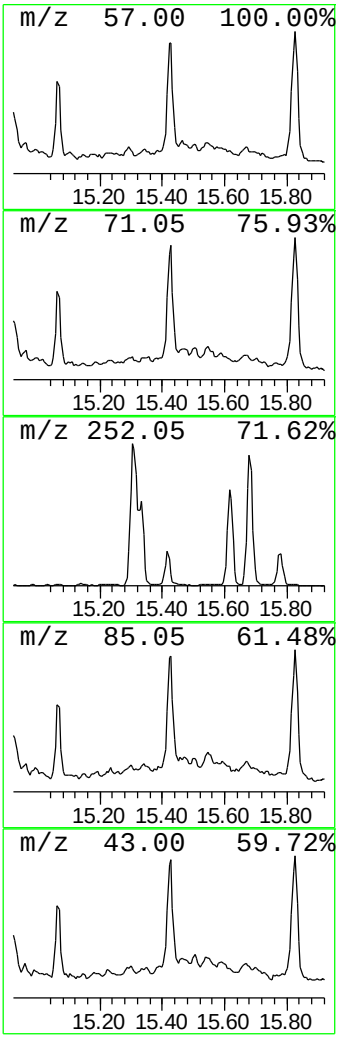
Peak Number 12 Hexadecane, 7,9-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	5.80 ng	340895	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Benzo[a]pyrene	252	C20H12	000050-32-8	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	60
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	56





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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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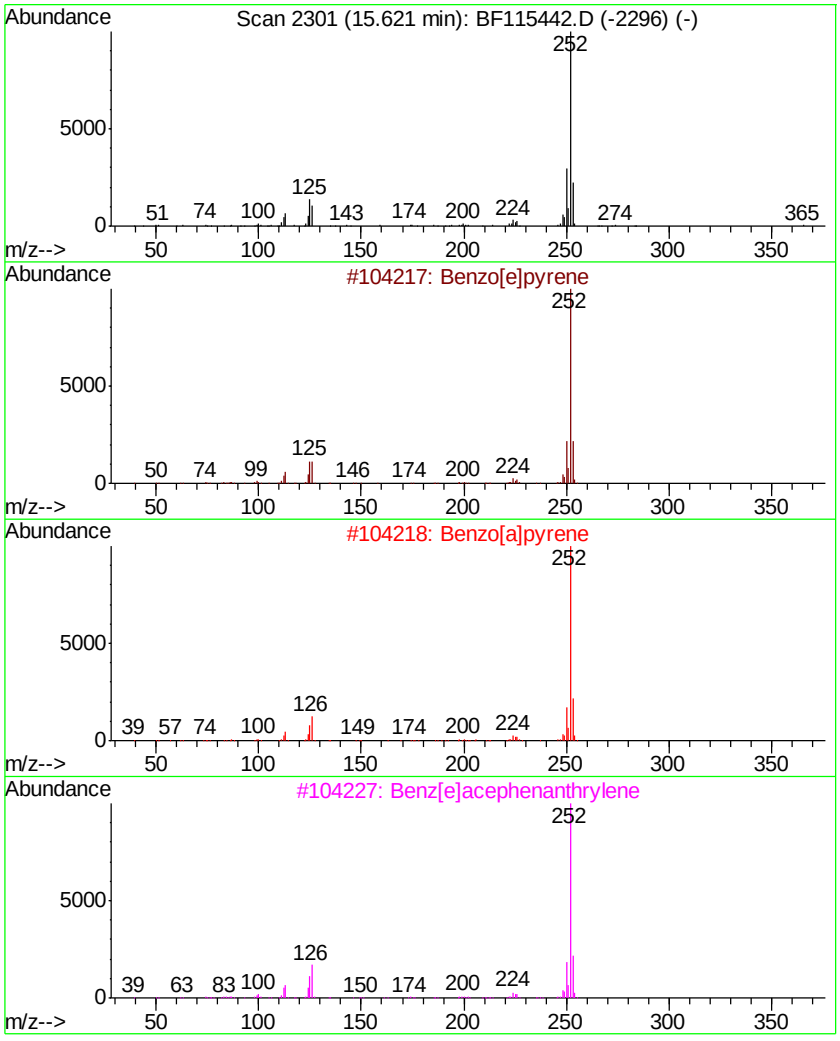
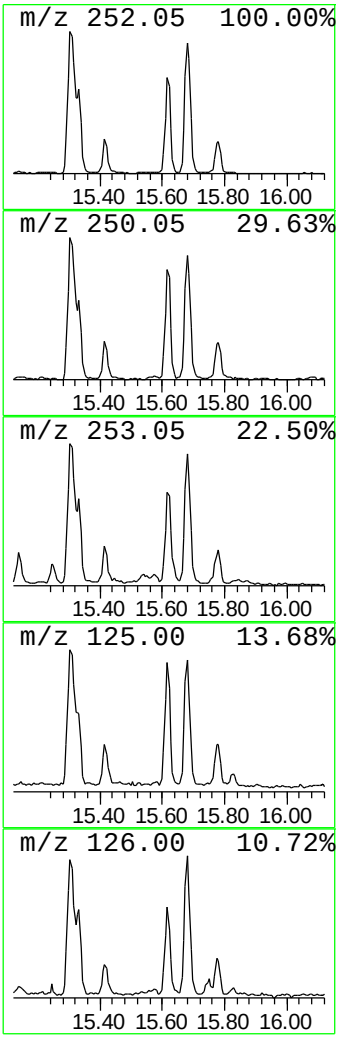
Peak Number 13 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	5.02 ng	294930	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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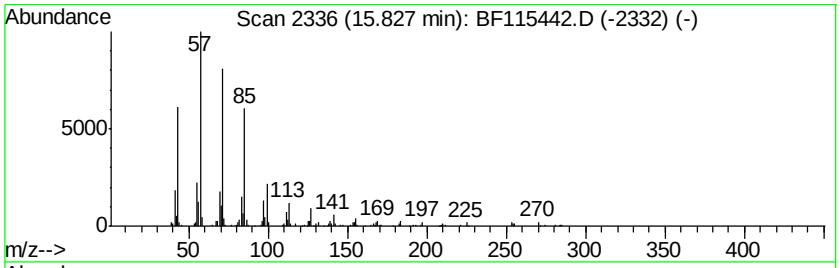
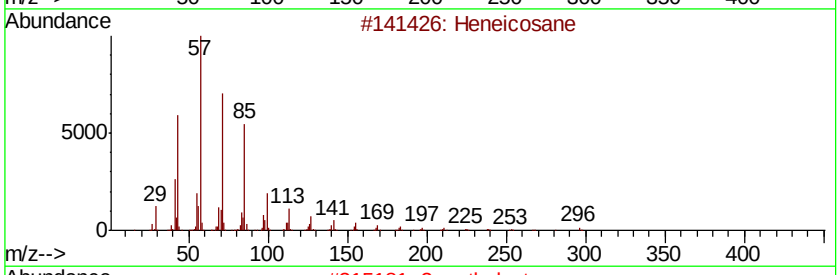
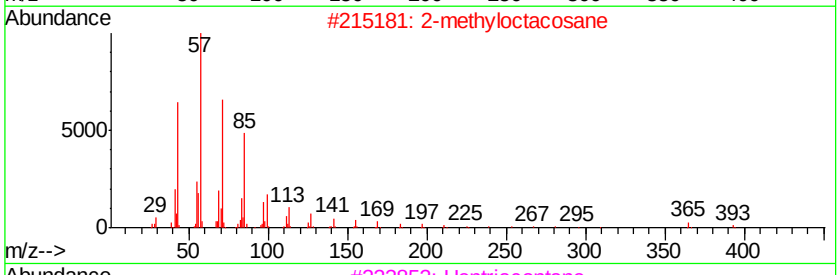
Peak Number 14 2-methyloctacosane Concentration Rank 5

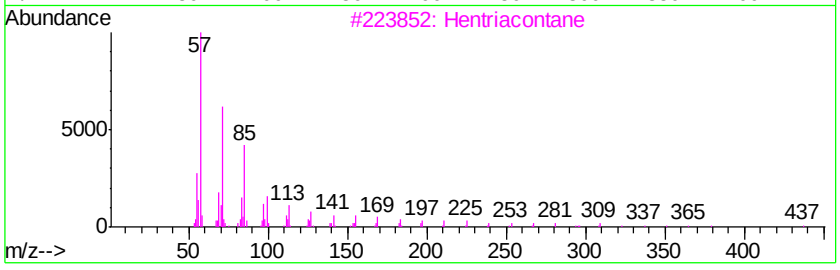
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.92 ng	406733	Perylene-d12	15.75

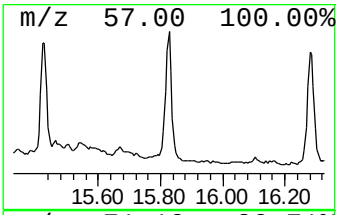
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octacosane	394	C28H58	000630-02-4	87

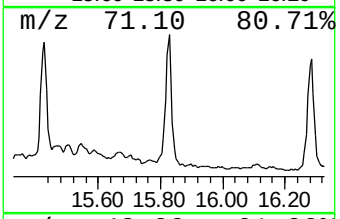


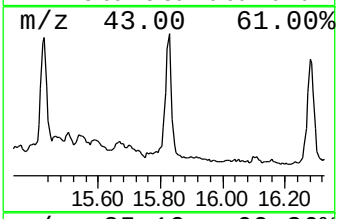


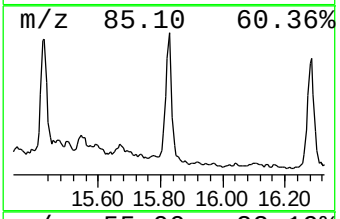


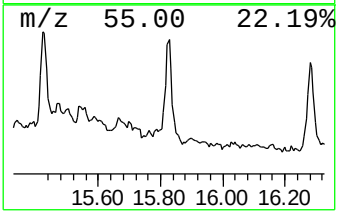












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Sample : K3697-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

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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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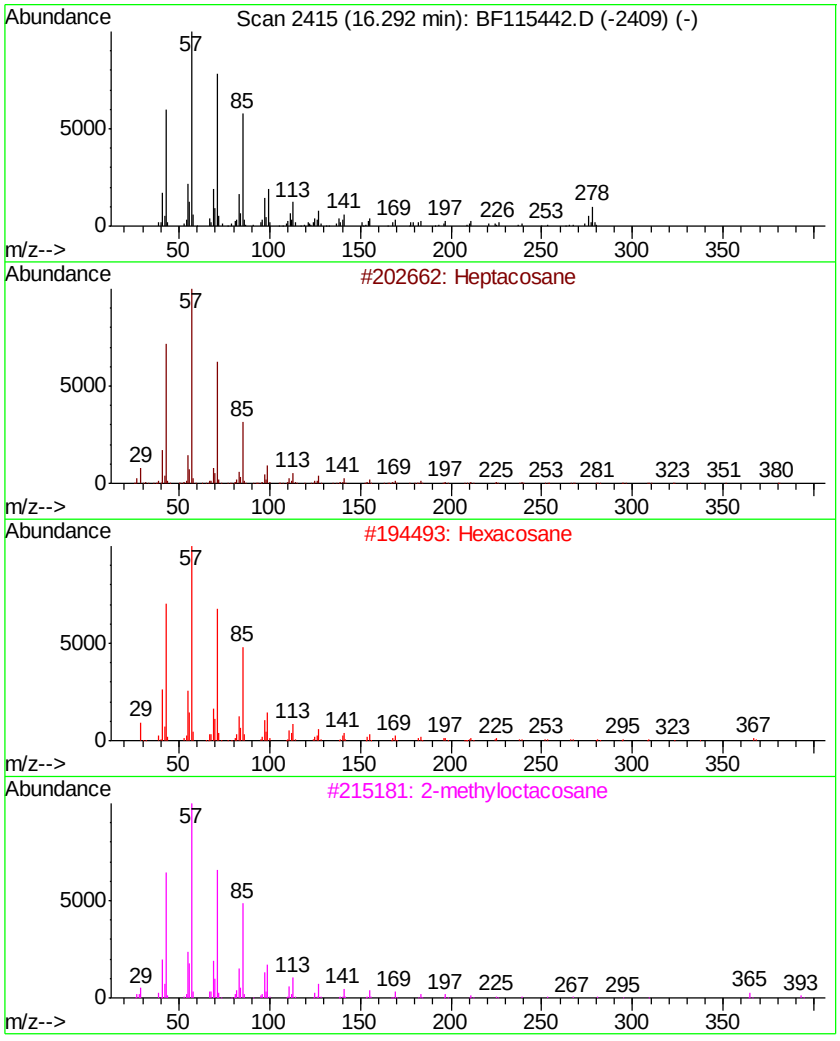
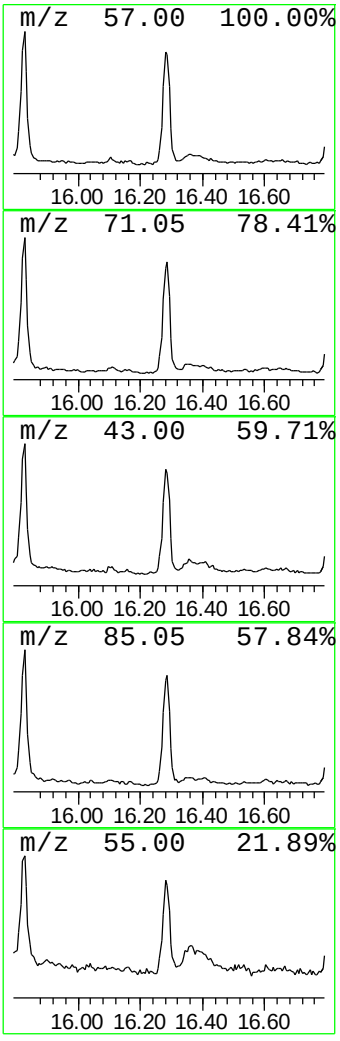
Peak Number 15 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.66 ng	274015	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





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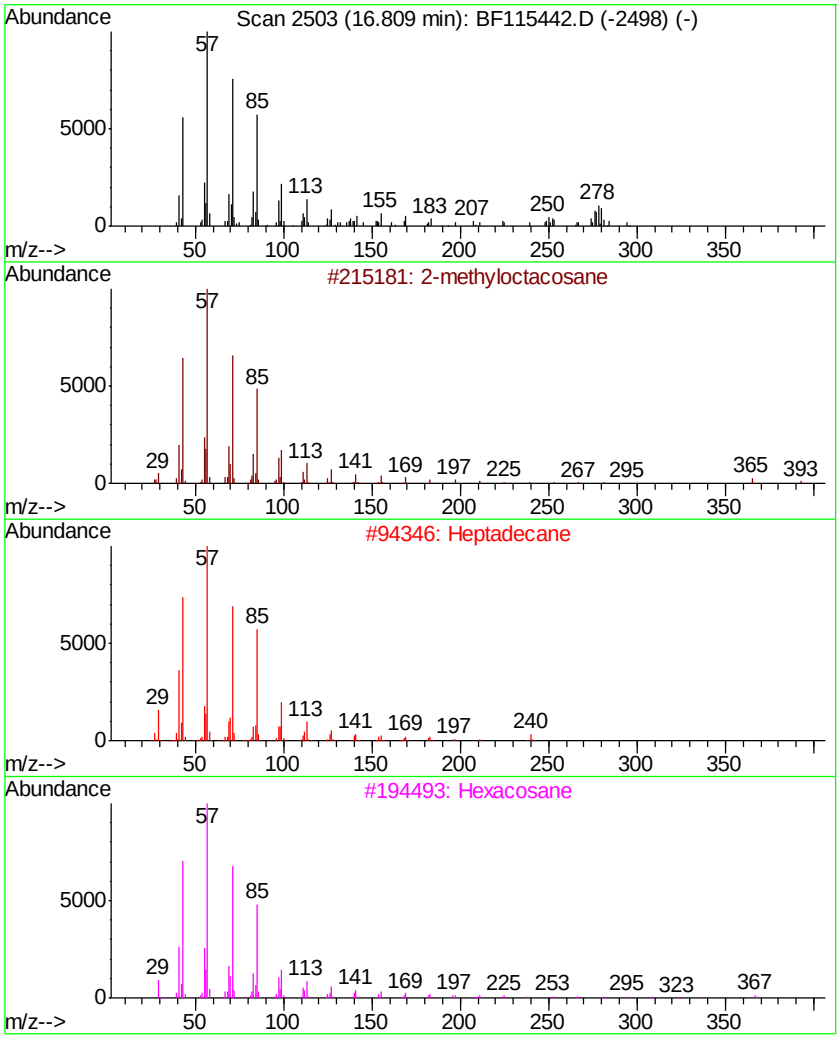
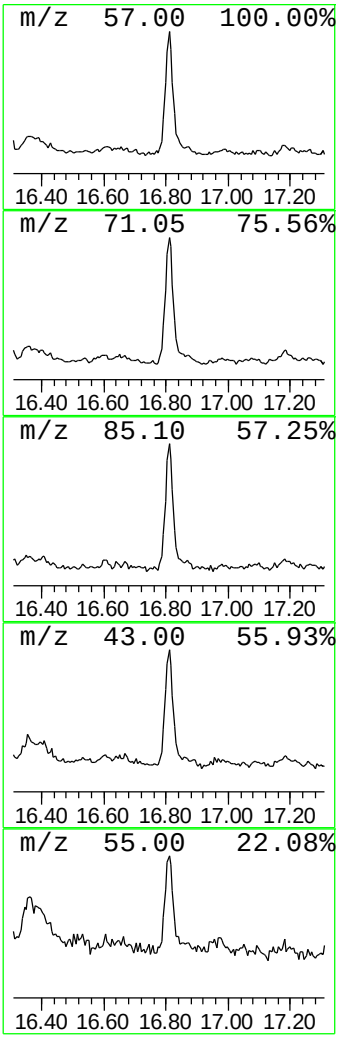
Peak Number 16 Pentacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.58 ng	210411	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	76
2	Heptadecane	240	C17H36	000629-78-7	76
3	Hexacosane	366	C26H54	000630-01-3	76
4	Heneicosane	296	C21H44	000629-94-7	76
5	Pentacosane	352	C25H52	000629-99-2	68





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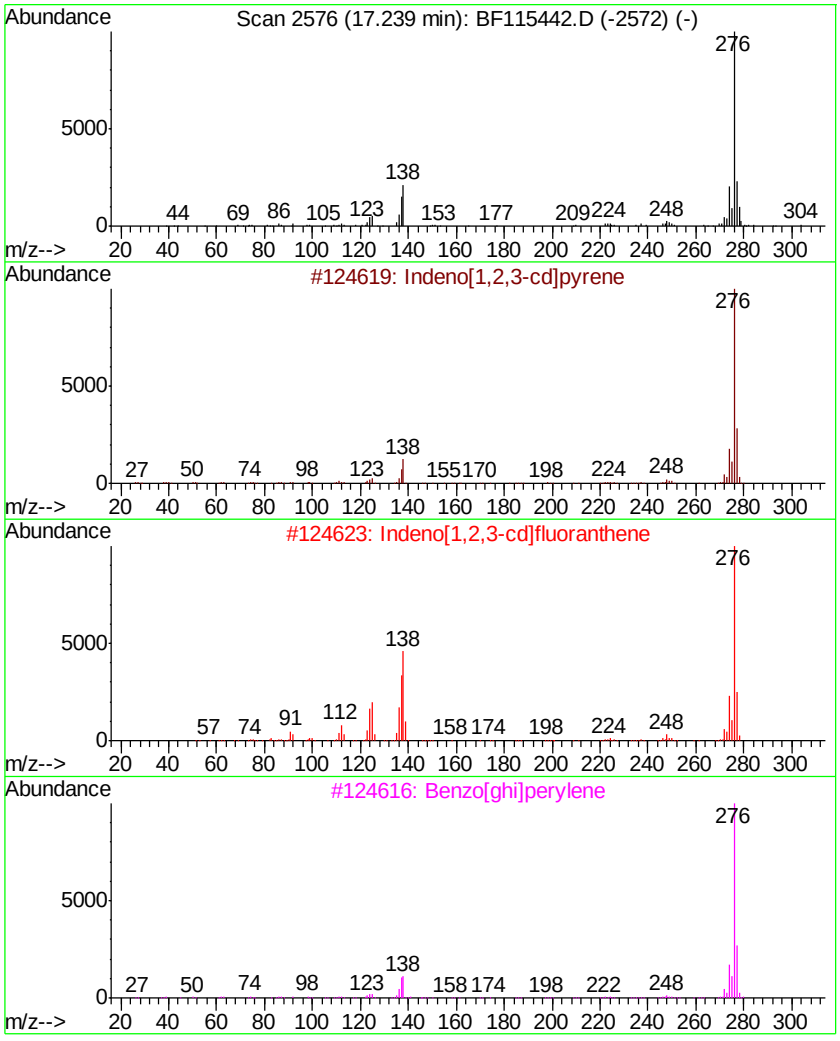
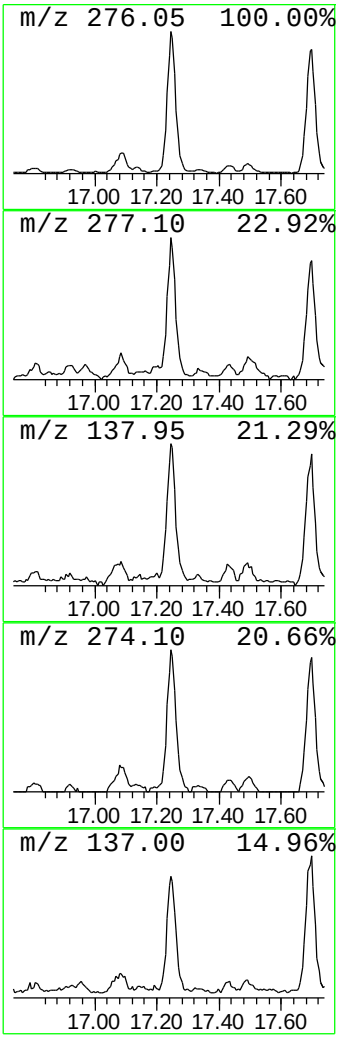
Peak Number 17 Indeno[1,2,3-cd]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	5.81 ng	341645	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	97
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	96
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
5	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070919\
Data File : BF115442.D
Acq On : 9 Jul 2019 19:28
Operator : HP/JU
Sample : K3697-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200035

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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
Butane, 2-methoxy...	2.23	48.3	ng	2523010	1	6.89	1045110	20.0
unknown6.67	6.67	89.0	ng	4652490	1	6.89	1045110	20.0
n-Hexadecanoic acid	11.94	5.2	ng	453159	4	11.41	1748230	20.0
Octadecanoic acid	12.73	4.2	ng	369668	4	11.41	1748230	20.0
1-Octadecene	13.99	10.2	ng	963272	5	14.14	1887720	20.0
Hexadecane	14.54	2.1	ng	195744	5	14.14	1887720	20.0
Benz[a]anthracene...	14.59	2.0	ng	193432	5	14.14	1887720	20.0
Hexacosane	14.71	3.1	ng	289065	5	14.14	1887720	20.0
Eicosane	14.90	5.5	ng	523598	5	14.14	1887720	20.0
Nonadecane	15.07	2.7	ng	159748	6	15.75	1176060	20.0
Hexadecane, 7,9-d...	15.42	5.8	ng	340895	6	15.75	1176060	20.0
Benzo[e]pyrene	15.62	5.0	ng	294930	6	15.75	1176060	20.0
2-methyloctacosane	15.83	6.9	ng	406733	6	15.75	1176060	20.0
Heptacosane	16.29	4.7	ng	274015	6	15.75	1176060	20.0
Pentacosane	16.81	3.6	ng	210411	6	15.75	1176060	20.0
Indeno[1,2,3-cd]f...	17.24	5.8	ng	341645	6	15.75	1176060	20.0