LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
Data File : BF125244.D
Acq On : 27 Aug 2021 1:41
Operator : JU/CG
Sample : M3540-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-2-082521

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: BF125244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	10	15	21	rVB	255431	312373	18.24%	1.690%
2	3.999	321	325	330	rVB	15984	18352	1.07%	0.099%
3	5.522	580	584	600	rBV	810883	715347	41.76%	3.870%
4	6.528	752	755	768	rBV	807572	703452	41.07%	3.806%
5	6.910	817	820	824	rBV	1189480	1074884	62.75%	5.815%
6	7.469	912	915	925	rBV	499055	428811	25.03%	2.320%
7	8.116	1018	1025	1031	rBV6	8200	24835	1.45%	0.134%
8	8.198	1035	1039	1042	rBV	1398598	1294823	75.59%	7.005%
9	9.269	1217	1221	1232	rBV	791943	764324	44.62%	4.135%
10	9.610	1274	1279	1281	rBV	19690	20152	1.18%	0.109%
11	9.669	1285	1289	1295	rVB2	12542	19486	1.14%	0.105%
12	9.810	1310	1313	1319	rBV	77255	67377	3.93%	0.365%
13	9.951	1333	1337	1340	rBV	1496647	1273605	74.35%	6.890%
14	9.981	1340	1342	1347	rVB	48598	41070	2.40%	0.222%
15	10.151	1366	1371	1375	rBV2	22128	26506	1.55%	0.143%
16	10.498	1427	1430	1436	rBV	56310	61181	3.57%	0.331%
17	10.733	1467	1470	1476	rBV	415636	383520	22.39%	2.075%
18	10.863	1487	1492	1494	rBV5	26167	36565	2.13%	0.198%
19	11.045	1518	1523	1526	rBV5	21923	32225	1.88%	0.174%
20	11.169	1540	1544	1547	rBV4	10624	17287	1.01%	0.094%
21	11.292	1561	1565	1567	rBV3	22836	24463	1.43%	0.132%
22	11.333	1567	1572	1578	rVB3	36320	50139	2.93%	0.271%
23	11.439	1586	1590	1592	rBV	1298915	1241746	72.49%	6.718%
24	11.457	1592	1593	1597	rVV	416092	325702	19.01%	1.762%
25	11.510	1600	1602	1605	rVB	100602	85130	4.97%	0.461%
26	11.545	1605	1608	1611	rBV3	20911	26331	1.54%	0.142%
27	11.669	1622	1629	1633	rBV	45482	64021	3.74%	0.346%
28	11.722	1635	1638	1642	rVB3	22586	25750	1.50%	0.139%
29	11.769	1642	1646	1648	rBV2	29455	27925	1.63%	0.151%
30	11.845	1657	1659	1663	rVB4	16642	18432	1.08%	0.100%
31	11.939	1671	1675	1678	rBV2	102730	148623	8.68%	0.804%
32	11.963	1678	1679	1684	rVV	133800	109973	6.42%	0.595%
33	12.016	1685	1688	1690	rVV	42088	39088	2.28%	0.211%
34	12.051	1690	1694	1696	rVV2	156445	173824	10.15%	0.940%
35	12.075	1696	1698	1702	rVB	74444	63045	3.68%	0.341%
36	12.127	1703	1707	1712	rBV4	32997	44952	2.62%	0.243%

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Acq On : 27 Aug 2021 1:41
Operator : JU/CG
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-2-082521

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

37	12.169	1712	1714	1717	rBV3	26595	23581	1.38%	0.128%
38	12.233	1722	1725	1727	rBV2	53801	50862	2.97%	0.275%
39	12.257	1727	1729	1732	rVB2	36685	39862	2.33%	0.216%
40	12.363	1745	1747	1748	rBV2	27698	21160	1.24%	0.114%
41	12.410	1752	1755	1758	rVV	54032	57234	3.34%	0.310%
42	12.439	1758	1760	1762	rVB	35678	27905	1.63%	0.151%
43	12.486	1764	1768	1771	rBV	123819	131855	7.70%	0.713%
44	12.522	1771	1774	1776	rVV3	76595	85561	4.99%	0.463%
45	12.545	1776	1778	1780	rVB	39987	27772	1.62%	0.150%
46	12.574	1780	1783	1787	rBV2	57288	77506	4.52%	0.419%
47	12.651	1792	1796	1800	rBV	747175	636409	37.15%	3.443%
48	12.692	1800	1803	1805	rBV3	27823	32020	1.87%	0.173%
49	12.745	1809	1812	1815	rBV2	56721	61175	3.57%	0.331%
50	12.804	1819	1822	1824	rBV	49952	43046	2.51%	0.233%
51	12.880	1829	1835	1840	rVV	755672	800731	46.75%	4.332%
52	12.933	1841	1844	1848	rVB2	66704	81590	4.76%	0.441%
53	13.016	1855	1858	1865	rVB	923151	832445	48.60%	4.503%
54	13.092	1868	1871	1875	rBV3	81052	121541	7.10%	0.658%
55	13.151	1879	1881	1884	rBV3	30004	31535	1.84%	0.171%
56	13.180	1884	1886	1888	rBV2	56994	70841	4.14%	0.383%
57	13.204	1888	1890	1893	rVB2	146305	129912	7.58%	0.703%
58	13.245	1894	1897	1899	rBV2	59782	66185	3.86%	0.358%
59	13.274	1899	1902	1905	rVB	84803	71967	4.20%	0.389%
60	13.310	1905	1908	1911	rBV2	116236	113268	6.61%	0.613%
61	13.404	1921	1924	1926	rVB	72700	52298	3.05%	0.283%
62	13.433	1926	1929	1932	rBV2	72234	68580	4.00%	0.371%
63	13.586	1952	1955	1958	rBV	83503	97742	5.71%	0.529%
64	13.710	1974	1976	1980	rVB	58276	65425	3.82%	0.354%
65	13.857	1999	2001	2002	rBV	49245	32535	1.90%	0.176%
66	13.916	2009	2011	2014	rVB3	82222	69269	4.04%	0.375%
67	14.074	2033	2038	2041	rBV2	1516045	1712974	100.00%	9.267%
68	14.104	2041	2043	2050	rVB	353245	319815	18.67%	1.730%
69	14.463	2102	2104	2107	rVB2	119249	96840	5.65%	0.524%
70	14.539	2114	2117	2119	rBV2	136272	139096	8.12%	0.752%
71	14.857	2168	2171	2173	rBV2	110485	113196	6.61%	0.612%
72	15.133	2214	2218	2221	rBV	284559	449499	26.24%	2.432%
73	15.445	2268	2271	2277	rVB	175066	210574	12.29%	1.139%
74	15.510	2278	2282	2288	rVB	236049	320067	18.68%	1.732%
75	15.574	2289	2293	2304	rVB	886653	1315495	76.80%	7.117%

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-082521

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

Sum of corrected areas: 18484687

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
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Instrument :
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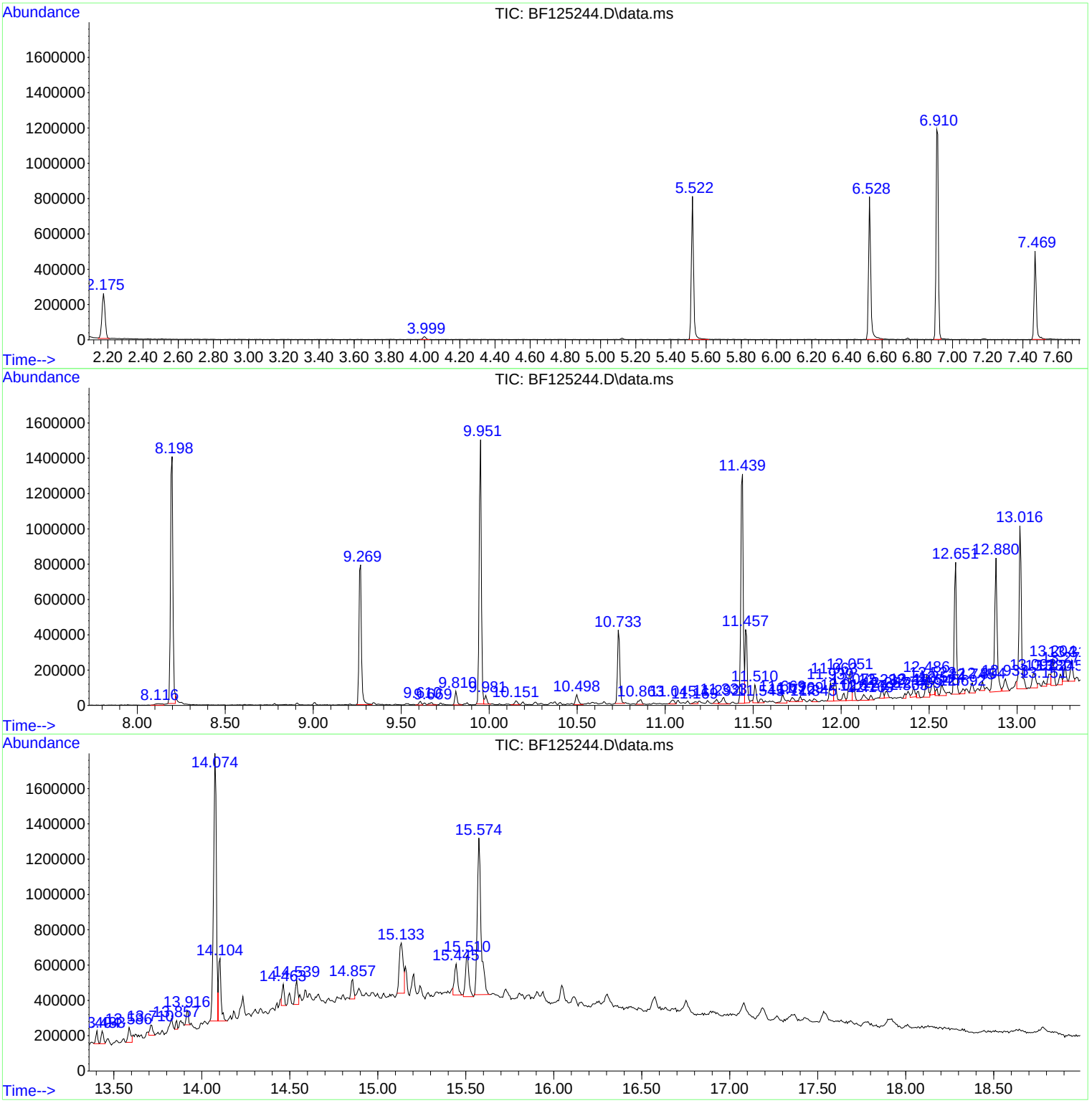
ClientSampleId :
OR-2-082521

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\BF082621\
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

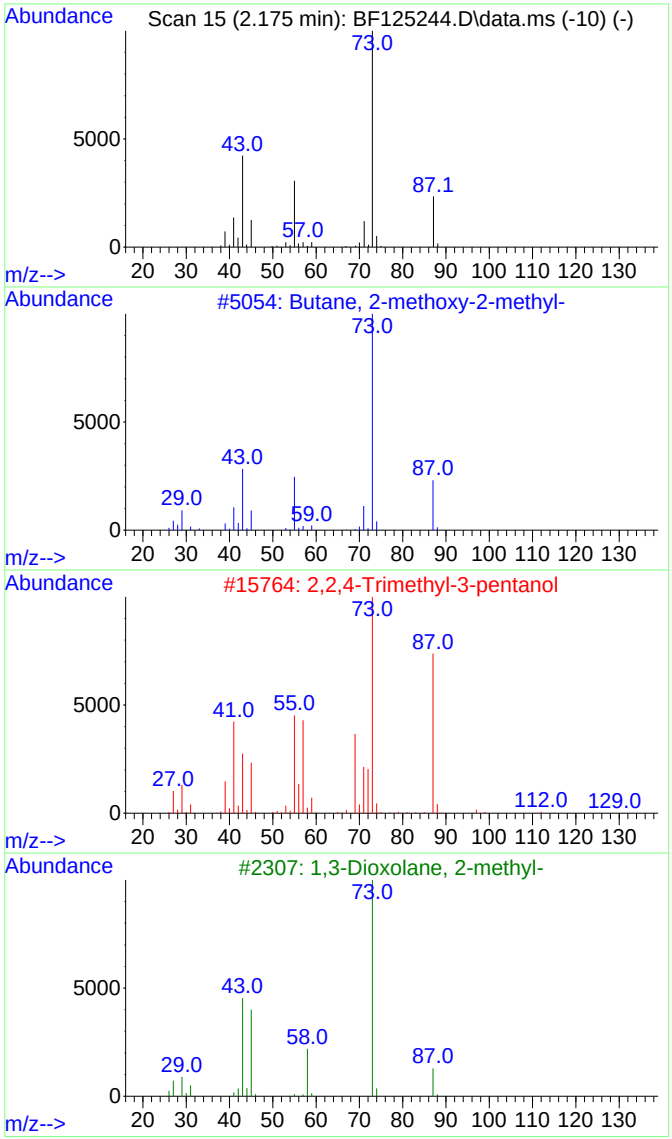
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

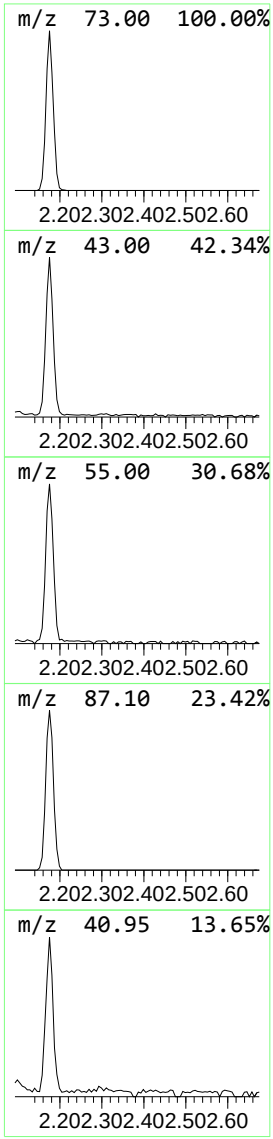
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	5.81 ng	312373	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





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

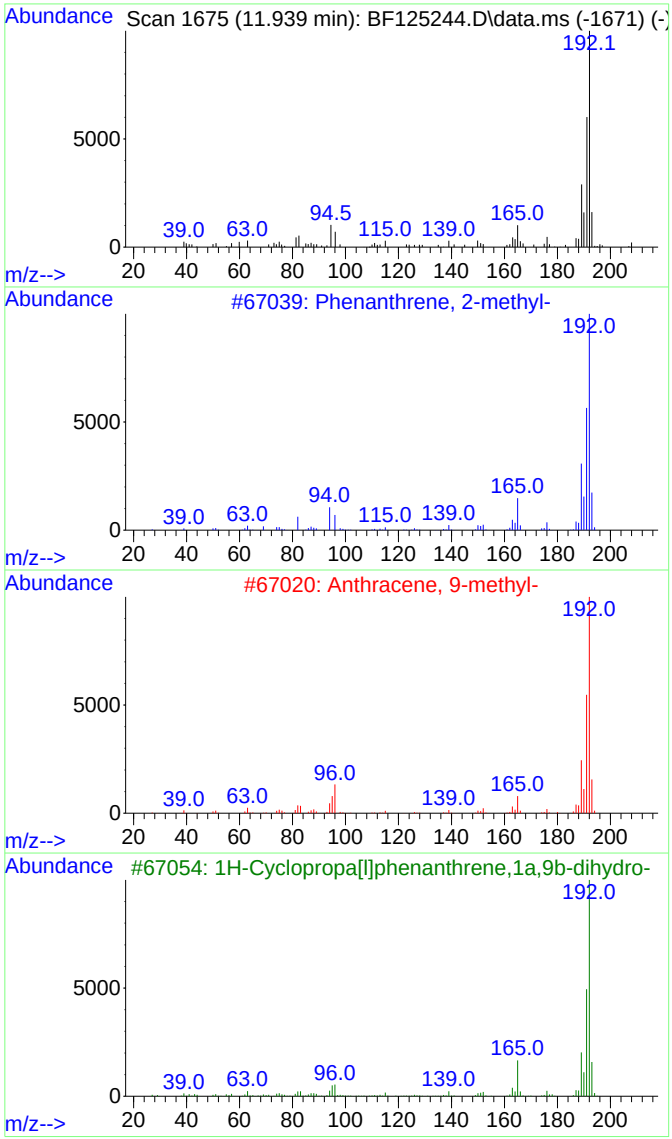
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

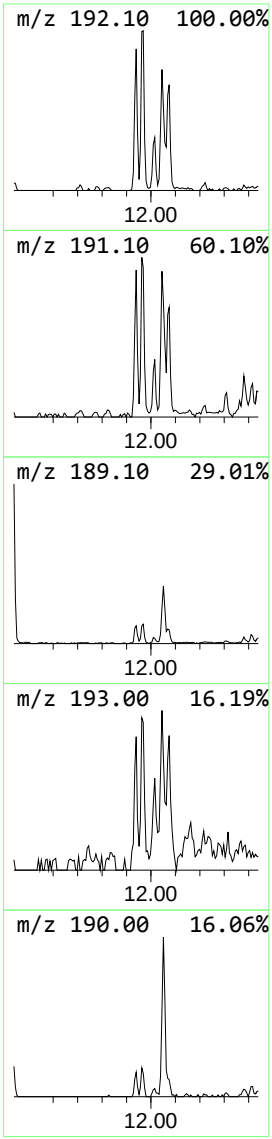
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.39 ng	148623	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-082521

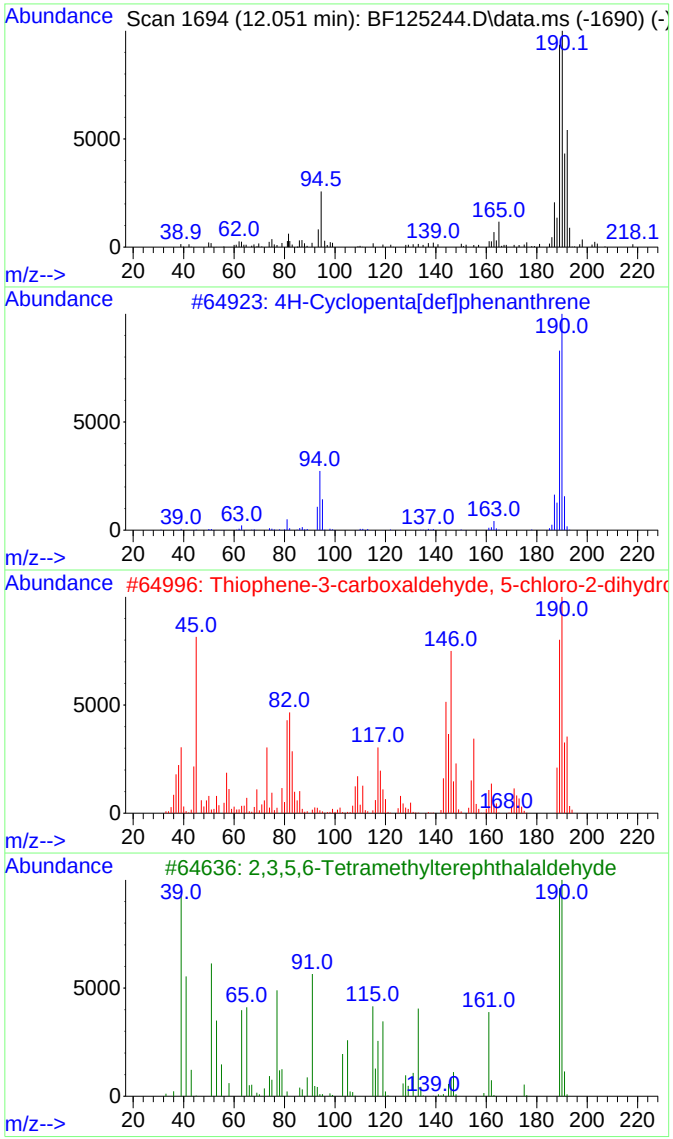
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

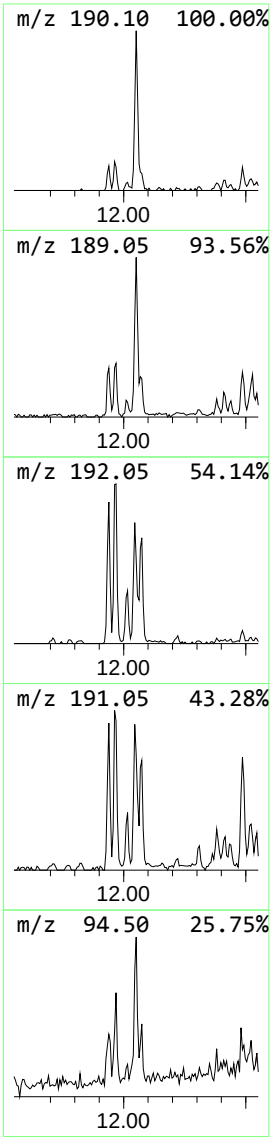
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	2.80 ng	173824	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20





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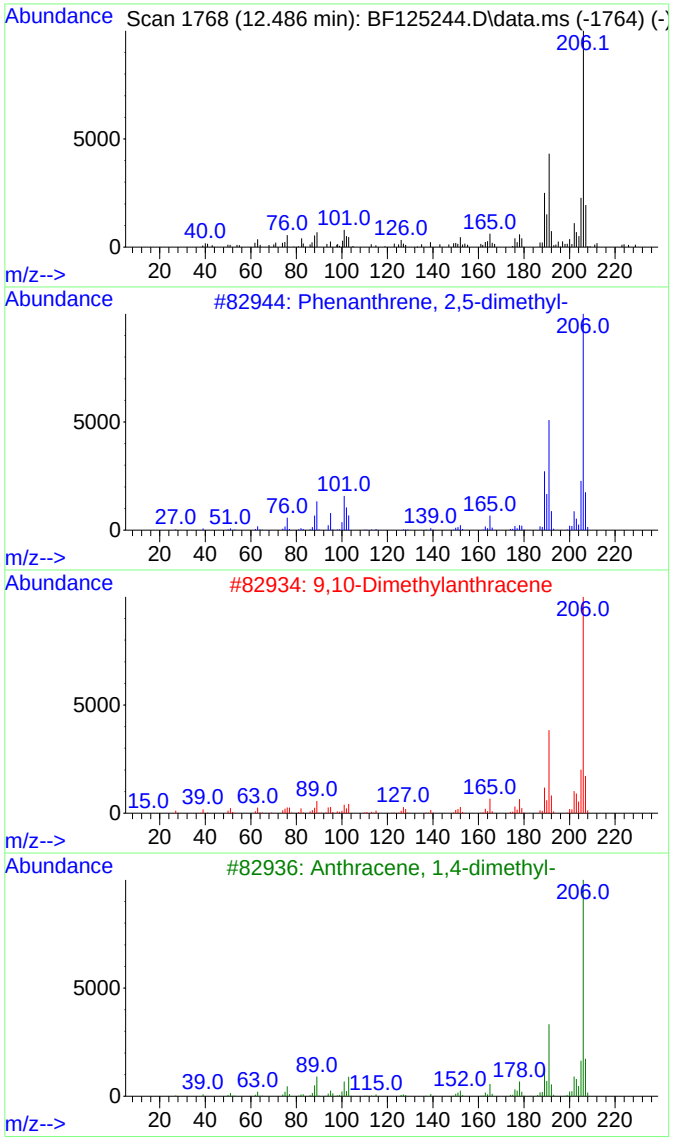
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

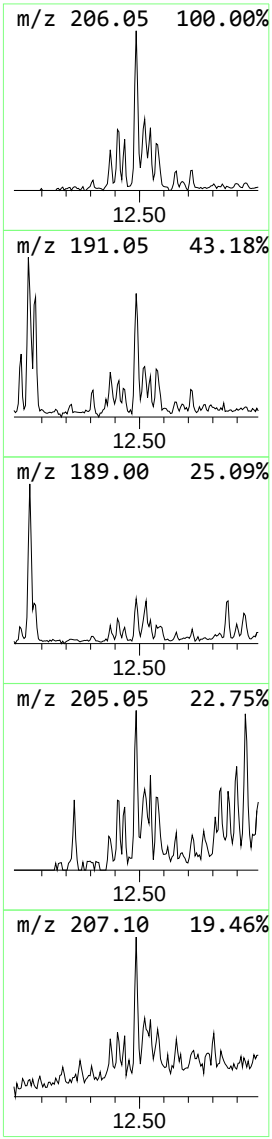
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.12 ng	131855	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : M3540-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-082521

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

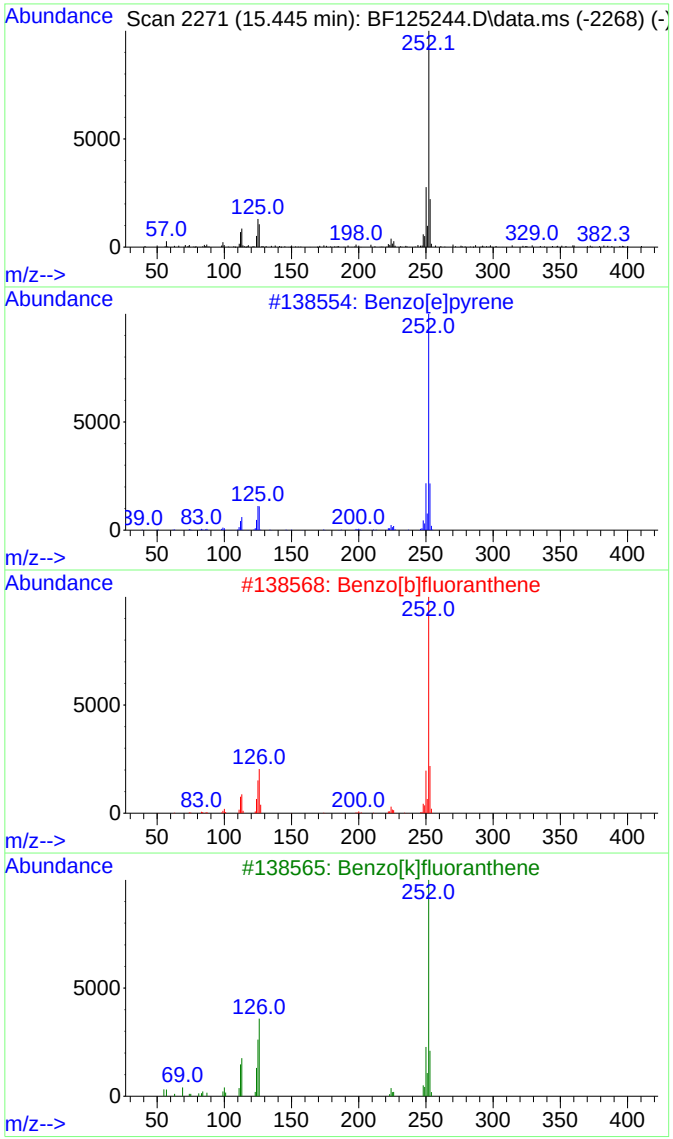
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

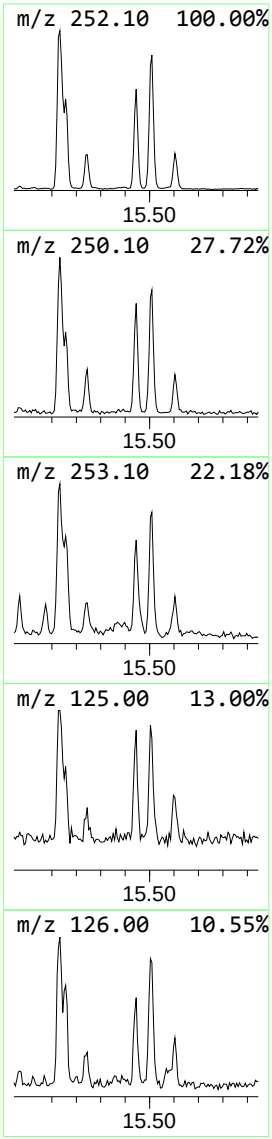
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	3.20 ng	210574	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
Data File : BF125244.D
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Operator : JU/CG
Sample : M3540-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-2-082521

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...	2.175	5.8	ng	312373	1	6.916	1074880	20.0
Phenanthrene, 2...	11.939	2.4	ng	148623	4	11.439	1241750	20.0
4H-Cyclopenta[d...	12.051	2.8	ng	173824	4	11.439	1241750	20.0
Phenanthrene, 2...	12.486	2.1	ng	131855	4	11.439	1241750	20.0
Benzo[e]pyrene	15.445	3.2	ng	210574	6	15.574	1315500	20.0